

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055058.D
 Acq On : 15 Apr 2019 22:12
 Operator : JC/SP
 Sample : VN0415WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 10:06:14 AM

Quant Time: Apr 16 07:10:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	393239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	655542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	571669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	226767	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	266410	50.97	ug/l	0.00
Spiked Amount						
			Recovery	=	101.94%	
35) Dibromofluoromethane	7.59	113	216988	49.53	ug/l	0.00
Spiked Amount						
			Recovery	=	99.06%	
50) Toluene-d8	10.09	98	799506	50.99	ug/l	0.00
Spiked Amount						
			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.40	95	259573	50.92	ug/l	0.00
Spiked Amount						
			Recovery	=	101.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	90440	20.237	ug/l	98
3) Chloromethane	2.06	50	118679	20.361	ug/l	97
4) Vinyl Chloride	2.19	62	96236	19.643	ug/l	100
5) Bromomethane	2.55	94	54998	19.843	ug/l	96
6) Chloroethane	2.70	64	53989	20.434	ug/l	97
7) Trichlorofluoromethane	3.02	101	123853	20.214	ug/l	96
8) Diethyl Ether	3.41	74	40211	20.559	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	63580	19.828	ug/l	98
10) Methyl Iodide	3.94	142	92734	18.636	ug/l	100
11) Tert butyl alcohol	4.82	59	25705	89.715	ug/l #	89
12) 1,1-Dichloroethene	3.73	96	60302	19.320	ug/l	98
13) Acrolein	3.60	56	31456	88.821	ug/l	95
14) Allyl chloride	4.31	41	151555	19.837	ug/l	100
15) Acrylonitrile	4.99	53	172477	100.615	ug/l	100
16) Acetone	3.82	43	111948	78.907	ug/l	99
17) Carbon Disulfide	4.04	76	186440	18.505	ug/l	99
18) Methyl Acetate	4.33	43	86295	20.849	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	227070	20.338	ug/l	100
20) Methylene Chloride	4.54	84	97283	19.506	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	83371	19.750	ug/l	94
22) Diisopropyl ether	5.96	45	322224	20.517	ug/l	95
23) Vinyl Acetate	5.90	43	1082039	104.232	ug/l	100
24) 1,1-Dichloroethane	5.84	63	169669	20.287	ug/l	99
25) 2-Butanone	6.84	43	199811	94.364	ug/l	99
26) 2,2-Dichloropropane	6.82	77	94910	17.980	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	97450	20.405	ug/l	98
28) Bromochloromethane	7.19	49	82626	20.494	ug/l	98
29) Tetrahydrofuran	7.22	42	139220	100.263	ug/l	99
30) Chloroform	7.37	83	163506	20.127	ug/l	100
31) Cyclohexane	7.65	56	153577	20.021	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	130061	20.207	ug/l	98
36) 1,1-Dichloropropene	7.79	75	119337	19.311	ug/l	99
37) Ethyl Acetate	6.94	43	86783	17.250	ug/l	99
38) Carbon Tetrachloride	7.77	117	108081	18.383	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055058.D
 Acq On : 15 Apr 2019 22:12
 Operator : JC/SP
 Sample : VN0415WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0415WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 10:06:14 AM

Quant Time: Apr 16 07:10:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	124689	18.620	ug/l	98
40) Benzene	8.04	78	361457	19.407	ug/l	99
41) Methacrylonitrile	7.17	41	49621	17.768	ug/l	96
42) 1,2-Dichloroethane	8.12	62	126705	19.594	ug/l	100
43) Isopropyl Acetate	8.17	43	150423	19.404	ug/l	98
44) Trichloroethene	8.83	130	92197	19.763	ug/l	98
45) 1,2-Dichloropropane	9.12	63	105667	20.343	ug/l	98
46) Dibromomethane	9.21	93	57609	19.485	ug/l	98
47) Bromodichloromethane	9.40	83	117758	19.319	ug/l	98
48) Methyl methacrylate	9.20	41	74067	19.276	ug/l	99
49) 1,4-Dioxane	9.20	88	13037	362.154	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	438579	97.928	ug/l	98
52) Toluene	10.16	92	216801	20.324	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	100079	18.787	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	128371	19.417	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	80566	19.603	ug/l	98
56) Ethyl methacrylate	10.43	69	99922	20.259	ug/l	98
57) 1,3-Dichloropropane	10.71	76	143432	20.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	180383	90.426	ug/l	99
59) 2-Hexanone	10.75	43	268732	95.533	ug/l	98
60) Dibromochloromethane	10.90	129	78313	19.514	ug/l	99
61) 1,2-Dibromoethane	11.01	107	76431	20.205	ug/l	99
64) Tetrachloroethene	10.63	164	88656	19.072	ug/l	98
65) Chlorobenzene	11.43	112	225070	19.559	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	82892	19.586	ug/l	98
67) Ethyl Benzene	11.51	91	398240	19.379	ug/l	99
68) m/p-Xylenes	11.62	106	293442	39.434	ug/l	100
69) o-Xylene	11.95	106	144150	20.000	ug/l	98
70) Styrene	11.96	104	235434	20.180	ug/l	99
71) Bromoform	12.13	173	47338	19.514	ug/l #	98
73) Isopropylbenzene	12.25	105	380425	18.905	ug/l	100
74) N-amyl acetate	12.07	43	110750	19.551	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	97795	18.163	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	71670m	17.576	ug/l	
77) Bromobenzene	12.53	156	94199	18.777	ug/l	97
78) n-propylbenzene	12.59	91	416399	19.153	ug/l	100
79) 2-Chlorotoluene	12.67	91	260407	19.203	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	308496	18.997	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18320	17.965	ug/l	98
82) 4-Chlorotoluene	12.77	91	243273	19.228	ug/l	98
83) tert-Butylbenzene	12.99	119	257640	18.786	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	301532	19.593	ug/l	100
85) sec-Butylbenzene	13.17	105	331773	18.986	ug/l	99
86) p-Isopropyltoluene	13.29	119	287892	19.203	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	146121	19.163	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	140228	19.285	ug/l	99
89) n-Butylbenzene	13.61	91	214032	19.231	ug/l	99
90) Hexachloroethane	13.87	117	44636	18.298	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	148014	19.293	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11383	17.168	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
Data File : VN055058.D
Acq On : 15 Apr 2019 22:12
Operator : JC/SP
Sample : VN0415WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0415WBSD01

Manual Integrations
APPROVED

MMDadoda
4/17/2019 10:06:14 AM

Quant Time: Apr 16 07:10:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	57454	18.313	ug/l	96
94) Hexachlorobutadiene	15.01	225	44434	18.751	ug/l	98
95) Naphthalene	15.13	128	127768	17.817	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	59070	19.958	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055058.D
 Acq On : 15 Apr 2019 22:12
 Operator : JC/SP
 Sample : VN0415WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample Id :
 VN0415WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 10:06:14 AM

Quant Time: Apr 16 07:10:04 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

