

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055237.D
 Acq On : 25 Apr 2019 10:49
 Operator : JC/SP
 Sample : VN0425WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 10:58:59 AM

Quant Time: Apr 26 02:29:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	443446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	710124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	615522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229787	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	303405	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.59	113	241507	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	10.09	98	891163	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	282619	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	126691	22.189	ug/l 100
3) Chloromethane	2.06	50	146901	20.997	ug/l 99
4) Vinyl Chloride	2.19	62	116994	20.869	ug/l 98
5) Bromomethane	2.56	94	62878	19.340	ug/l 100
6) Chloroethane	2.70	64	60469	20.465	ug/l 96
7) Trichlorofluoromethane	3.02	101	166644	21.844	ug/l 98
8) Diethyl Ether	3.41	74	59219	21.748	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	97619	20.506	ug/l 99
10) Methyl Iodide	3.95	142	143158	21.444	ug/l 100
11) Tert butyl alcohol	4.79	59	38364	109.482	ug/l 95
12) 1,1-Dichloroethene	3.74	96	93391	20.470	ug/l 99
13) Acrolein	3.61	56	41542	85.585	ug/l 100
14) Allyl chloride	4.32	41	190937	21.170	ug/l 99
15) Acrylonitrile	4.99	53	206277	107.337	ug/l 98
16) Acetone	3.82	43	195698	98.628	ug/l 100
17) Carbon Disulfide	4.06	76	251882	19.748	ug/l 100
18) Methyl Acetate	4.33	43	99823	22.799	ug/l 96
19) Methyl tert-butyl Ether	5.05	73	273551	21.687	ug/l 99
20) Methylene Chloride	4.55	84	114362	20.049	ug/l 94
21) trans-1,2-Dichloroethene	5.04	96	98795	20.651	ug/l 97
22) Diisopropyl ether	5.95	45	389678	21.675	ug/l 97
23) Vinyl Acetate	5.90	43	1341552	111.045	ug/l 99
24) 1,1-Dichloroethane	5.85	63	201015	20.787	ug/l 98
25) 2-Butanone	6.84	43	265091	103.484	ug/l 99
26) 2,2-Dichloropropane	6.83	77	139416	21.305	ug/l 98
27) cis-1,2-Dichloroethene	6.83	96	116389	21.104	ug/l 99
28) Bromochloromethane	7.19	49	103991	21.096	ug/l 98
29) Tetrahydrofuran	7.21	42	170540	108.277	ug/l 98
30) Chloroform	7.37	83	194229	21.116	ug/l 98
31) Cyclohexane	7.65	56	190562	20.275	ug/l 97
32) 1,1,1-Trichloroethane	7.57	97	157102	21.259	ug/l 99
36) 1,1-Dichloropropene	7.79	75	141581	21.481	ug/l 100
37) Ethyl Acetate	6.93	43	114811	21.584	ug/l 99
38) Carbon Tetrachloride	7.77	117	136841	22.171	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055237.D
 Acq On : 25 Apr 2019 10:49
 Operator : JC/SP
 Sample : VN0425WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0425WBS01

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 10:58:59 AM

Quant Time: Apr 26 02:29:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	157098	19.979	ug/l	99
40) Benzene	8.04	78	425057	20.891	ug/l	99
41) Methacrylonitrile	7.18	41	66463	23.833	ug/l	97
42) 1,2-Dichloroethane	8.12	62	149160	21.014	ug/l	99
43) Isopropyl Acetate	8.16	43	197629	22.944	ug/l #	88
44) Trichloroethene	8.83	130	109582	21.309	ug/l	98
45) 1,2-Dichloropropane	9.12	63	121180	21.100	ug/l	97
46) Dibromomethane	9.21	93	69612	21.173	ug/l	97
47) Bromodichloromethane	9.40	83	143637	21.824	ug/l	98
48) Methyl methacrylate	9.20	41	90081	21.560	ug/l	98
49) 1,4-Dioxane	9.20	88	20208	418.808	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	536308	108.203	ug/l	99
52) Toluene	10.15	92	252532	21.172	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	132688	21.968	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	162690	21.705	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	92472	21.029	ug/l	97
56) Ethyl methacrylate	10.43	69	121308	22.145	ug/l	99
57) 1,3-Dichloropropane	10.71	76	164183	21.460	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	168579	87.543	ug/l	100
59) 2-Hexanone	10.75	43	339705	108.506	ug/l	99
60) Dibromochloromethane	10.90	129	98838	21.822	ug/l	97
61) 1,2-Dibromoethane	11.00	107	90870	21.979	ug/l	99
64) Tetrachloroethene	10.63	164	103166	20.546	ug/l	98
65) Chlorobenzene	11.43	112	253642	20.189	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	97647	20.970	ug/l	99
67) Ethyl Benzene	11.51	91	464232	20.744	ug/l	99
68) m/p-Xylenes	11.62	106	339535	42.301	ug/l	99
69) o-Xylene	11.95	106	168162	21.111	ug/l	99
70) Styrene	11.96	104	267988	21.704	ug/l	99
71) Bromoform	12.13	173	59463	21.400	ug/l #	97
73) Isopropylbenzene	12.25	105	446505	22.963	ug/l	100
74) N-amyl acetate	12.07	43	127704	21.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	117613	23.893	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	97234m	20.858	ug/l	
77) Bromobenzene	12.53	156	104184	20.537	ug/l	100
78) n-propylbenzene	12.59	91	477556	20.723	ug/l	100
79) 2-Chlorotoluene	12.67	91	299098	20.554	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	362145	21.053	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	26256	21.351	ug/l	98
82) 4-Chlorotoluene	12.77	91	280306	20.937	ug/l	99
83) tert-Butylbenzene	12.99	119	307514	22.585	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	349386	21.523	ug/l	99
85) sec-Butylbenzene	13.17	105	395024	20.298	ug/l	100
86) p-Isopropyltoluene	13.29	119	339256	21.160	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	164165	21.081	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	154581	20.389	ug/l	99
89) n-Butylbenzene	13.61	91	243159	20.461	ug/l	99
90) Hexachloroethane	13.87	117	58167	20.456	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	163478	20.438	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15002	21.500	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
Data File : VN055237.D
Acq On : 25 Apr 2019 10:49
Operator : JC/SP
Sample : VN0425WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Manual Integrations
APPROVED

MMdadoda
4/26/2019 10:58:59 AM

Quant Time: Apr 26 02:29:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	55355	18.222	ug/l	96
94) Hexachlorobutadiene	15.01	225	54881	22.285	ug/l	99
95) Naphthalene	15.13	128	109957	17.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	56302	18.187	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042519\
Data File : VN055237.D
Acq On : 25 Apr 2019 10:49
Operator : JC/SP
Sample : VN0425WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Manual Integrations
APPROVED

MMDadoda
4/26/2019 10:58:59 AM

Quant Time: Apr 26 02:29:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

