

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056713.D
 Acq On : 15 Jul 2019 15:39
 Operator : JC/SP
 Sample : VN0715WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:32:07 AM

Quant Time: Jul 16 09:02:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	327395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	515744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	452566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	187855	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
35) Dibromofluoromethane	7.59	113	163703	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	10.09	98	629971	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.40	95	202861	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	57957	18.853	ug/l	98
3) Chloromethane	2.06	50	78367	18.961	ug/l	96
4) Vinyl Chloride	2.18	62	76480	19.215	ug/l	98
5) Bromomethane	2.55	94	47343	20.227	ug/l	100
6) Chloroethane	2.70	64	44716	19.280	ug/l	96
7) Trichlorofluoromethane	3.01	101	97689	19.128	ug/l	99
8) Diethyl Ether	3.41	74	38272	19.221	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	59045	19.243	ug/l	99
10) Methyl Iodide	3.95	142	74434	18.137	ug/l	99
11) Tert butyl alcohol	4.79	59	60324	100.075	ug/l	98
12) 1,1-Dichloroethene	3.74	96	59738	19.410	ug/l	96
13) Acrolein	3.61	56	21137	108.954	ug/l	98
14) Allyl chloride	4.32	41	99286	18.654	ug/l	97
15) Acrylonitrile	4.99	53	175992	101.100	ug/l	99
16) Acetone	3.82	43	142798	85.567	ug/l	100
17) Carbon Disulfide	4.05	76	148637	18.276	ug/l	99
18) Methyl Acetate	4.33	43	77519	20.100	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	191156	19.493	ug/l	99
20) Methylene Chloride	4.55	84	71358	19.566	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	61858	19.014	ug/l	94
22) Diisopropyl ether	5.95	45	212303	20.208	ug/l	94
23) Vinyl Acetate	5.90	43	858379	100.827	ug/l	99
24) 1,1-Dichloroethane	5.85	63	118780	19.501	ug/l	99
25) 2-Butanone	6.84	43	234123	95.957	ug/l	98
26) 2,2-Dichloropropane	6.82	77	78692	17.918	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	73241	19.565	ug/l	98
28) Bromochloromethane	7.20	49	55924	19.527	ug/l	100
29) Tetrahydrofuran	7.21	42	161764	101.652	ug/l	99
30) Chloroform	7.37	83	117857	19.336	ug/l	98
31) Cyclohexane	7.65	56	113104	19.537	ug/l #	93
32) 1,1,1-Trichloroethane	7.57	97	96015	19.918	ug/l	98
36) 1,1-Dichloropropene	7.79	75	88280	18.498	ug/l	99
37) Ethyl Acetate	6.93	43	94141	20.014	ug/l	99
38) Carbon Tetrachloride	7.77	117	81351	18.176	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056713.D
 Acq On : 15 Jul 2019 15:39
 Operator : JC/SP
 Sample : VN0715WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0715WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:32:07 AM

Quant Time: Jul 16 09:02:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	107940	18.317	ug/l	98
40) Benzene	8.04	78	279644	19.123	ug/l	98
41) Methacrylonitrile	7.18	41	40530m	19.616	ug/l	
42) 1,2-Dichloroethane	8.13	62	89067	19.272	ug/l	100
43) Isopropyl Acetate	8.17	43	146414	19.800	ug/l	99
44) Trichloroethene	8.84	130	73870	18.602	ug/l	96
45) 1,2-Dichloropropane	9.12	63	73839	19.003	ug/l	99
46) Dibromomethane	9.21	93	46163	19.171	ug/l	99
47) Bromodichloromethane	9.40	83	85977	18.790	ug/l	99
48) Methyl methacrylate	9.20	41	70161	19.619	ug/l	99
49) 1,4-Dioxane	9.20	88	30400	414.286	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	470850	98.310	ug/l	99
52) Toluene	10.16	92	168958	19.455	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	88287	18.494	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	102758	18.549	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	70413	19.331	ug/l	100
56) Ethyl methacrylate	10.43	69	101107	19.291	ug/l	100
57) 1,3-Dichloropropane	10.71	76	115906	19.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	241838	95.957	ug/l	99
59) 2-Hexanone	10.75	43	332852	96.855	ug/l	100
60) Dibromochloromethane	10.90	129	67654	18.885	ug/l	99
61) 1,2-Dibromoethane	11.00	107	71963	19.879	ug/l	98
64) Tetrachloroethene	10.63	164	72190	18.489	ug/l	98
65) Chlorobenzene	11.43	112	177244	19.154	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	64562	18.949	ug/l	97
67) Ethyl Benzene	11.51	91	310236	19.077	ug/l	100
68) m/p-Xylenes	11.62	106	234146	38.525	ug/l	100
69) o-Xylene	11.95	106	114237	19.119	ug/l	100
70) Styrene	11.96	104	184964	19.147	ug/l	99
71) Bromoform	12.13	173	49305	19.019	ug/l #	100
73) Isopropylbenzene	12.25	105	298408	19.794	ug/l	99
74) N-amyl acetate	12.07	43	108773	19.373	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	98094	21.357	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	85784m	20.977	ug/l	
77) Bromobenzene	12.53	156	77174	19.571	ug/l	98
78) n-propylbenzene	12.59	91	322931	19.295	ug/l	100
79) 2-Chlorotoluene	12.67	91	199959	20.657	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	255542	20.000	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	24555	18.544	ug/l	93
82) 4-Chlorotoluene	12.77	91	189237	19.267	ug/l	99
83) tert-Butylbenzene	12.99	119	217509	21.000	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	251062	20.113	ug/l	99
85) sec-Butylbenzene	13.17	105	280208	19.736	ug/l	100
86) p-Isopropyltoluene	13.29	119	248823	19.346	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	122813	19.005	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	117787	18.738	ug/l	99
89) n-Butylbenzene	13.61	91	194451	18.769	ug/l	100
90) Hexachloroethane	13.87	117	39043	18.771	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	127484	19.289	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15646	19.354	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
Data File : VN056713.D
Acq On : 15 Jul 2019 15:39
Operator : JC/SP
Sample : VN0715WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Manual Integrations
APPROVED

MMDadoda
7/17/2019 1:32:07 AM

Quant Time: Jul 16 09:02:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:25:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	56431	18.005	ug/l	99
94) Hexachlorobutadiene	15.01	225	42092	19.483	ug/l	99
95) Naphthalene	15.13	128	143660	17.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	61157	19.072	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
Data File : VN056713.D
Acq On : 15 Jul 2019 15:39
Operator : JC/SP
Sample : VN0715WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Manual Integrations
APPROVED

MMDadoda
7/17/2019 1:32:07 AM

Quant Time: Jul 16 09:02:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:25:25 2019
Response via : Initial Calibration

