

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042419\
 Data File : VN055221.D
 Acq On : 24 Apr 2019 12:20
 Operator : JC/SP
 Sample : VN0424WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 12:40:07 PM

Quant Time: Apr 25 04:40:00 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	399954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	649800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	553919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	205538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	279892	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	7.59	113	215722	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.09	98	793933	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	12.40	95	248434	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	114707	22.275	ug/l	98
3) Chloromethane	2.06	50	131974	20.915	ug/l	100
4) Vinyl Chloride	2.19	62	103734	20.516	ug/l	97
5) Bromomethane	2.56	94	56916	19.410	ug/l	98
6) Chloroethane	2.70	64	53441	20.053	ug/l	97
7) Trichlorofluoromethane	3.02	101	146814	21.337	ug/l	100
8) Diethyl Ether	3.41	74	54040	22.004	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	85086	19.817	ug/l	98
10) Methyl Iodide	3.96	142	127627	21.197	ug/l	100
11) Tert butyl alcohol	4.79	59	39936	126.361	ug/l #	71
12) 1,1-Dichloroethene	3.74	96	84270	20.480	ug/l	97
13) Acrolein	3.61	56	47697	106.356	ug/l	99
14) Allyl chloride	4.33	41	169795	20.873	ug/l	98
15) Acrylonitrile	4.99	53	197169	113.755	ug/l	99
16) Acetone	3.82	43	166710	93.155	ug/l	100
17) Carbon Disulfide	4.06	76	230880	20.070	ug/l	100
18) Methyl Acetate	4.33	43	94803	24.068	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	255553	22.463	ug/l	99
20) Methylene Chloride	4.56	84	104316	20.276	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	90600	20.997	ug/l	97
22) Diisopropyl ether	5.95	45	351469	21.676	ug/l	96
23) Vinyl Acetate	5.90	43	1248641	114.594	ug/l	100
24) 1,1-Dichloroethane	5.85	63	183766	21.070	ug/l	99
25) 2-Butanone	6.84	43	248612	107.604	ug/l	100
26) 2,2-Dichloropropane	6.82	77	117247	19.865	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	101010	20.308	ug/l	97
28) Bromochloromethane	7.20	49	94020	21.148	ug/l	98
29) Tetrahydrofuran	7.22	42	166362	117.111	ug/l	99
30) Chloroform	7.37	83	175320	21.133	ug/l	98
31) Cyclohexane	7.66	56	174123	20.558	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	139507	20.931	ug/l	98
36) 1,1-Dichloropropene	7.79	75	125755	20.851	ug/l	98
37) Ethyl Acetate	6.93	43	110265	22.654	ug/l	99
38) Carbon Tetrachloride	7.77	117	120349	21.309	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042419\
 Data File : VN055221.D
 Acq On : 24 Apr 2019 12:20
 Operator : JC/SP
 Sample : VN0424WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0424WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 12:40:07 PM

Quant Time: Apr 25 04:40:00 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	139429	19.378	ug/l	97
40) Benzene	8.04	78	384825	20.670	ug/l	98
41) Methacrylonitrile	7.17	41	45879	17.979	ug/l #	77
42) 1,2-Dichloroethane	8.13	62	137621	21.188	ug/l	99
43) Isopropyl Acetate	8.17	43	184186	23.368	ug/l #	89
44) Trichloroethene	8.84	130	95401	20.274	ug/l	100
45) 1,2-Dichloropropane	9.12	63	109597	20.854	ug/l	99
46) Dibromomethane	9.21	93	62980	20.934	ug/l	97
47) Bromodichloromethane	9.40	83	126105	20.939	ug/l	100
48) Methyl methacrylate	9.20	41	85125	22.265	ug/l	97
49) 1,4-Dioxane	9.20	88	19453	440.588	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	514759	113.497	ug/l	99
52) Toluene	10.16	92	225824	20.691	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	115316	20.864	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	147427	21.495	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	84316	20.954	ug/l	99
56) Ethyl methacrylate	10.43	69	108986	21.742	ug/l	98
57) 1,3-Dichloropropane	10.71	76	150816	21.543	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	161791	91.267	ug/l	99
59) 2-Hexanone	10.75	43	319484	111.520	ug/l	99
60) Dibromochloromethane	10.90	129	86792	20.941	ug/l	99
61) 1,2-Dibromoethane	11.00	107	83741	22.135	ug/l	95
64) Tetrachloroethene	10.63	164	91930	20.344	ug/l	97
65) Chlorobenzene	11.43	112	227002	20.078	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	85853	20.488	ug/l	98
67) Ethyl Benzene	11.51	91	414456	20.579	ug/l	98
68) m/p-Xylenes	11.62	106	297652	41.207	ug/l	99
69) o-Xylene	11.95	106	149626	20.873	ug/l	97
70) Styrene	11.96	104	235102	21.158	ug/l	98
71) Bromoform	12.13	173	53449	21.375	ug/l #	97
73) Isopropylbenzene	12.25	105	394348	22.644	ug/l	100
74) N-amyl acetate	12.07	43	120950	22.824	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	106346	24.181	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	86391m	20.718	ug/l	
77) Bromobenzene	12.53	156	91832	20.238	ug/l	98
78) n-propylbenzene	12.59	91	419087	20.331	ug/l	99
79) 2-Chlorotoluene	12.67	91	263399	20.237	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	317246	20.618	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	22573	20.521	ug/l	91
82) 4-Chlorotoluene	12.77	91	245519	20.502	ug/l	99
83) tert-Butylbenzene	12.99	119	268909	22.029	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	300973	20.728	ug/l	100
85) sec-Butylbenzene	13.17	105	344323	19.781	ug/l	100
86) p-Isopropyltoluene	13.29	119	290366	20.247	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	142145	20.407	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	134402	19.818	ug/l	99
89) n-Butylbenzene	13.61	91	205991	19.379	ug/l	98
90) Hexachloroethane	13.87	117	49899	19.619	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	145019	20.270	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13779	22.077	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042419\
Data File : VN055221.D
Acq On : 24 Apr 2019 12:20
Operator : JC/SP
Sample : VN0424WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Manual Integrations
APPROVED

MMDadoda
4/25/2019 12:40:07 PM

Quant Time: Apr 25 04:40:00 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	45723	17.037	ug/l	97
94) Hexachlorobutadiene	15.01	225	46919	21.192	ug/l	97
95) Naphthalene	15.13	128	102267	17.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	51317	18.492	ug/l	98

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

