

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071219\
 Data File : VN056670.D
 Acq On : 11 Jul 2019 17:19
 Operator : JC/SP
 Sample : VN0712WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 5:32:59 PM

Quant Time: Jul 12 05:42:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	289705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	451190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	402381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174627	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	165767	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
35) Dibromofluoromethane	7.59	113	144288	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.09	98	534604	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.40	95	184208	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	44555	18.163	ug/l	98
3) Chloromethane	2.06	50	57376	17.178	ug/l	99
4) Vinyl Chloride	2.18	62	60104	18.631	ug/l	98
5) Bromomethane	2.55	94	35832	18.946	ug/l	99
6) Chloroethane	2.70	64	35484	18.993	ug/l	94
7) Trichlorofluoromethane	3.01	101	82885	19.862	ug/l	99
8) Diethyl Ether	3.41	74	34118	19.318	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	53319	20.035	ug/l	99
10) Methyl Iodide	3.95	142	58427	16.244	ug/l	99
11) Tert butyl alcohol	4.79	59	60949	112.705	ug/l	100
12) 1,1-Dichloroethene	3.73	96	48769	19.056	ug/l	99
13) Acrolein	3.61	56	16157	35.449	ug/l	98
14) Allyl chloride	4.32	41	87463	20.530	ug/l	99
15) Acrylonitrile	4.99	53	168875	112.878	ug/l	98
16) Acetone	3.82	43	142473	88.566	ug/l	100
17) Carbon Disulfide	4.05	76	88870	15.267	ug/l	99
18) Methyl Acetate	4.33	43	75066	23.363	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	178317	21.057	ug/l	100
20) Methylene Chloride	4.55	84	62748	20.160	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	52305	18.957	ug/l	98
22) Diisopropyl ether	5.95	45	199747	22.326	ug/l	98
23) Vinyl Acetate	5.90	43	786618	111.471	ug/l	100
24) 1,1-Dichloroethane	5.85	63	108790	21.183	ug/l	99
25) 2-Butanone	6.84	43	227972	107.075	ug/l	100
26) 2,2-Dichloropropane	6.83	77	74543	20.869	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	66484	20.595	ug/l	99
28) Bromochloromethane	7.20	49	56853	22.380	ug/l	98
29) Tetrahydrofuran	7.21	42	152308	117.062	ug/l	98
30) Chloroform	7.37	83	110987	21.900	ug/l	99
31) Cyclohexane	7.65	56	88498	17.849	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	84814	21.114	ug/l	98
36) 1,1-Dichloropropene	7.79	75	73357	18.472	ug/l	98
37) Ethyl Acetate	6.93	43	88981	22.800	ug/l	98
38) Carbon Tetrachloride	7.77	117	71433	20.569	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071219\
 Data File : VN056670.D
 Acq On : 11 Jul 2019 17:19
 Operator : JC/SP
 Sample : VN0712WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0712WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 5:32:59 PM

Quant Time: Jul 12 05:42:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	85238	17.395	ug/l	97
40) Benzene	8.04	78	245814	20.123	ug/l	99
41) Methacrylonitrile	7.17	41	38857	22.547	ug/l	90
42) 1,2-Dichloroethane	8.13	62	82529	20.471	ug/l	100
43) Isopropyl Acetate	8.17	43	136525	22.686	ug/l	98
44) Trichloroethene	8.84	130	64801	19.693	ug/l	97
45) 1,2-Dichloropropane	9.12	63	68438	20.949	ug/l	100
46) Dibromomethane	9.21	93	43256	21.163	ug/l	97
47) Bromodichloromethane	9.40	83	80343	22.164	ug/l	98
48) Methyl methacrylate	9.20	41	67453	22.367	ug/l	95
49) 1,4-Dioxane	9.20	88	30066	480.422	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	457393	117.758	ug/l	99
52) Toluene	10.16	92	150971	20.215	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	79192	20.563	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	92719	21.240	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	65658	21.872	ug/l	97
56) Ethyl methacrylate	10.43	69	95175	21.694	ug/l	99
57) 1,3-Dichloropropane	10.71	76	107907	21.397	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	220919	140.169	ug/l	100
59) 2-Hexanone	10.75	43	327986	114.891	ug/l	99
60) Dibromochloromethane	10.90	129	62386	21.637	ug/l	100
61) 1,2-Dibromoethane	11.00	107	65140	21.246	ug/l	98
64) Tetrachloroethene	10.63	164	62768	19.698	ug/l	99
65) Chlorobenzene	11.43	112	163848	20.265	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	61067	22.347	ug/l	99
67) Ethyl Benzene	11.51	91	278649	19.628	ug/l	100
68) m/p-Xylenes	11.62	106	210561	40.471	ug/l	99
69) o-Xylene	11.95	106	105242	20.446	ug/l	97
70) Styrene	11.96	104	174903	21.258	ug/l	99
71) Bromoform	12.13	173	45404	22.444	ug/l #	100
73) Isopropylbenzene	12.25	105	279126	19.650	ug/l	99
74) N-amyl acetate	12.07	43	107748	19.387	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	98376	22.539	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	85764m	23.686	ug/l	
77) Bromobenzene	12.53	156	73685	18.871	ug/l	96
78) n-propylbenzene	12.59	91	302918	18.942	ug/l	99
79) 2-Chlorotoluene	12.67	91	188318	19.956	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	236194	20.142	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	22434	22.020	ug/l	99
82) 4-Chlorotoluene	12.77	91	178772	18.933	ug/l	99
83) tert-Butylbenzene	12.99	119	203990	19.625	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	235278	20.014	ug/l	100
85) sec-Butylbenzene	13.17	105	262270	18.659	ug/l	100
86) p-Isopropyltoluene	13.29	119	234535	19.443	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	118504	20.027	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	114893	20.048	ug/l	99
89) n-Butylbenzene	13.61	91	184770	20.234	ug/l	99
90) Hexachloroethane	13.87	117	35565	18.911	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	122949	20.942	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15956	24.694	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071219\
Data File : VN056670.D
Acq On : 11 Jul 2019 17:19
Operator : JC/SP
Sample : VN0712WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Manual Integrations
APPROVED

MMDadoda
7/12/2019 5:32:59 PM

Quant Time: Jul 12 05:42:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	56750	22.092	ug/l	97
94) Hexachlorobutadiene	15.01	225	41684	19.818	ug/l	99
95) Naphthalene	15.13	128	143510	21.321	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	61123	22.047	ug/l	98

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

