

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062339.D
 Acq On : 2 Jul 2020 17:41
 Operator : JC/MD
 Sample : VN0702WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702WBS01

Manual Integrations
 APPROVED

sam
 7/6/2020 11:34:05 AM

Quant Time: Jul 03 02:05:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	143000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	266721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	108878	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	118412	59.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.02%	
35) Dibromofluoromethane	7.55	113	89577	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	10.06	98	357271	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.37	95	117128	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	26070	16.129	ug/l	98
3) Chloromethane	2.03	50	37464	18.854	ug/l	99
4) Vinyl Chloride	2.16	62	42859	16.838	ug/l	99
5) Bromomethane	2.53	94	28425	17.278	ug/l	89
6) Chloroethane	2.67	64	28549	16.418	ug/l	98
7) Trichlorofluoromethane	2.98	101	50889	16.225	ug/l	100
8) Diethyl Ether	3.37	74	22492	20.536	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	31233	19.016	ug/l	95
10) Methyl Iodide	3.91	142	34018	18.390	ug/l	99
11) Tert butyl alcohol	4.74	59	31867	110.600	ug/l	99
12) 1,1-Dichloroethene	3.70	96	30126	18.347	ug/l	94
13) Acrolein	3.57	56	20841	73.880	ug/l	97
14) Allyl chloride	4.27	41	47071	21.056	ug/l	98
15) Acrylonitrile	4.93	53	87121	110.960	ug/l	98
16) Acetone	3.77	43	76374	119.128	ug/l	95
17) Carbon Disulfide	4.01	76	83178	17.718	ug/l	99
18) Methyl Acetate	4.28	43	37894	23.754	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	106443	20.287	ug/l	93
20) Methylene Chloride	4.50	84	40043	21.613	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	33125	17.709	ug/l	95
22) Diisopropyl ether	5.90	45	108800	21.375	ug/l	97
23) Vinyl Acetate	5.84	43	440241	105.934	ug/l	97
24) 1,1-Dichloroethane	5.80	63	66544	20.302	ug/l	99
25) 2-Butanone	6.79	43	107329	109.421	ug/l	94
26) 2,2-Dichloropropane	6.78	77	54211	19.847	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	39335	18.688	ug/l	96
28) Bromochloromethane	7.15	49	28793	20.246	ug/l	88
29) Tetrahydrofuran	7.17	42	70456	109.655	ug/l	98
30) Chloroform	7.33	83	65347	19.595	ug/l	100
31) Cyclohexane	7.61	56	52032	18.767	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	53179	18.909	ug/l	96
36) 1,1-Dichloropropene	7.75	75	46777	17.448	ug/l	98
37) Ethyl Acetate	6.89	43	48066	21.652	ug/l	97
38) Carbon Tetrachloride	7.73	117	43173	17.081	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062339.D
 Acq On : 2 Jul 2020 17:41
 Operator : JC/MD
 Sample : VN0702WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0702WBS01

Manual Integrations
 APPROVED

sam
 7/6/2020 11:34:05 AM

Quant Time: Jul 03 02:05:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	49980	17.015	ug/l	95
40) Benzene	8.00	78	149012	18.236	ug/l	99
41) Methacrylonitrile	7.12	41	16479	16.012	ug/l #	85
42) 1,2-Dichloroethane	8.09	62	53531	19.390	ug/l	97
43) Isopropyl Acetate	8.13	43	74970	20.716	ug/l	98
44) Trichloroethene	8.80	130	34895	16.929	ug/l	98
45) 1,2-Dichloropropane	9.08	63	39831	19.758	ug/l	100
46) Dibromomethane	9.18	93	25462	18.629	ug/l	93
47) Bromodichloromethane	9.37	83	50578	18.327	ug/l	96
48) Methyl methacrylate	9.17	41	32399	19.967	ug/l	96
49) 1,4-Dioxane	9.17	88	14364	399.182	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	227903	107.787	ug/l	96
52) Toluene	10.12	92	91369	18.326	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	56040	18.457	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	61654	19.073	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	37295	19.029	ug/l	95
56) Ethyl methacrylate	10.40	69	50427	19.280	ug/l	97
57) 1,3-Dichloropropane	10.68	76	64070	18.993	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	102042	101.835	ug/l	96
59) 2-Hexanone	10.72	43	160559	105.162	ug/l	97
60) Dibromochloromethane	10.87	129	36391	17.538	ug/l	99
61) 1,2-Dibromoethane	10.98	107	35946	17.850	ug/l	100
64) Tetrachloroethene	10.60	164	26066	15.377	ug/l	95
65) Chlorobenzene	11.41	112	94880	17.411	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	33400	17.724	ug/l	99
67) Ethyl Benzene	11.48	91	164799	17.906	ug/l	98
68) m/p-Xylenes	11.60	106	124834	35.068	ug/l	98
69) o-Xylene	11.92	106	58779	17.500	ug/l	96
70) Styrene	11.94	104	99369	17.740	ug/l	99
71) Bromoform	12.10	173	22367	16.694	ug/l #	99
73) Isopropylbenzene	12.22	105	156002	18.510	ug/l	98
74) N-amyl acetate	12.05	43	58426	20.916	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	56353	20.093	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	50953m	19.880	ug/l	
77) Bromobenzene	12.50	156	36318	17.357	ug/l	88
78) n-propylbenzene	12.57	91	181665	18.844	ug/l	99
79) 2-Chlorotoluene	12.65	91	108966	18.697	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	127790	18.704	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	16853	19.202	ug/l	93
82) 4-Chlorotoluene	12.75	91	112560	18.676	ug/l	97
83) tert-Butylbenzene	12.97	119	106147	18.154	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	127232	18.646	ug/l	100
85) sec-Butylbenzene	13.15	105	145384	18.817	ug/l	99
86) p-Isopropyltoluene	13.26	119	122942	18.162	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	63841	17.375	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	63602	16.793	ug/l	98
89) n-Butylbenzene	13.59	91	96796	17.200	ug/l	99
90) Hexachloroethane	13.85	117	25366	19.100	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	64159	18.007	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8885	19.776	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
Data File : VN062339.D
Acq On : 2 Jul 2020 17:41
Operator : JC/MD
Sample : VN0702WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0702WBS01

Manual Integrations
APPROVED

sam
7/6/2020 11:34:05 AM

Quant Time: Jul 03 02:05:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	24687	15.861	ug/l	95
94) Hexachlorobutadiene	14.98	225	11974	17.712	ug/l	97
95) Naphthalene	15.10	128	69416	16.302	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	25057	15.744	ug/l	94

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

