

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064714.D
 Acq On : 18 Nov 2020 18:12
 Operator : JC/MD
 Sample : VN1118WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:11:03 PM

Quant Time: Nov 19 02:14:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	266572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	479773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	232006	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	7.55	113	132057	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.06	98	589173	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	12.37	95	218717	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	60816	18.258	ug/l	95
3) Chloromethane	2.04	50	68116	18.494	ug/l	97
4) Vinyl Chloride	2.17	62	70272	18.285	ug/l	94
5) Bromomethane	2.54	94	53405	18.950	ug/l	94
6) Chloroethane	2.68	64	49550	19.109	ug/l	95
7) Trichlorofluoromethane	2.99	101	129598	18.828	ug/l	95
8) Diethyl Ether	3.37	74	44046	19.832	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56215	18.898	ug/l	98
10) Methyl Iodide	3.91	142	65329	18.373	ug/l	99
11) Tert butyl alcohol	4.74	59	46738	102.732	ug/l #	79
12) 1,1-Dichloroethene	3.69	96	53711	18.741	ug/l	95
13) Acrolein	3.57	56	13209	124.011	ug/l	100
14) Allyl chloride	4.28	41	95285	19.363	ug/l	98
15) Acrylonitrile	4.94	53	130394	97.608	ug/l	99
16) Acetone	3.78	43	116011	105.241	ug/l	97
17) Carbon Disulfide	4.01	76	155040	18.684	ug/l	98
18) Methyl Acetate	4.28	43	63192	19.207	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	183471	19.132	ug/l	100
20) Methylene Chloride	4.50	84	64435	18.555	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	57766	18.064	ug/l	98
22) Diisopropyl ether	5.90	45	198549	19.105	ug/l	96
23) Vinyl Acetate	5.85	43	814409	97.104	ug/l	99
24) 1,1-Dichloroethane	5.80	63	117678	19.327	ug/l	99
25) 2-Butanone	6.78	43	183972	102.613	ug/l	99
26) 2,2-Dichloropropane	6.78	77	107099	18.511	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	67644	19.186	ug/l	99
28) Bromochloromethane	7.15	49	56963	18.555	ug/l	99
29) Tetrahydrofuran	7.17	42	119442	98.600	ug/l	99
30) Chloroform	7.33	83	124988	18.890	ug/l	94
31) Cyclohexane	7.61	56	92220	18.190	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	112878	18.664	ug/l	100
36) 1,1-Dichloropropene	7.75	75	87748	17.777	ug/l	99
37) Ethyl Acetate	6.88	43	85157	20.604	ug/l	99
38) Carbon Tetrachloride	7.73	117	97774	18.639	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	77775	17.783	ug/l	95
40) Benzene	8.00	78	257695	18.737	ug/l	97
41) Methacrylonitrile	7.12	41	40943	21.613	ug/l	93
42) 1,2-Dichloroethane	8.09	62	111032	18.764	ug/l	100
43) Isopropyl Acetate	8.13	43	146721	18.315	ug/l	99
44) Trichloroethene	8.80	130	70778	17.932	ug/l	96
45) 1,2-Dichloropropane	9.08	63	68348	18.644	ug/l	100
46) Dibromomethane	9.17	93	48792	18.776	ug/l	97
47) Bromodichloromethane	9.37	83	103287	18.907	ug/l	98
48) Methyl methacrylate	9.17	41	68721	18.181	ug/l	99
49) 1,4-Dioxane	9.17	88	19823	420.347	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	429300	92.726	ug/l	100
52) Toluene	10.12	92	163132	19.259	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	105081	17.973	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	111085	18.452	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	64900	19.103	ug/l	97
56) Ethyl methacrylate	10.40	69	90195	17.983	ug/l	99
57) 1,3-Dichloropropane	10.68	76	110782	18.824	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	241109	88.144	ug/l	100
59) 2-Hexanone	10.72	43	307455	92.063	ug/l	99
60) Dibromochloromethane	10.87	129	72006	18.345	ug/l	99
61) 1,2-Dibromoethane	10.97	107	66396	18.323	ug/l	99
64) Tetrachloroethene	10.60	164	74918	18.969	ug/l	97
65) Chlorobenzene	11.40	112	172610	18.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	65806	18.584	ug/l	98
67) Ethyl Benzene	11.48	91	303643	18.172	ug/l	99
68) m/p-Xylenes	11.59	106	221811	35.425	ug/l	100
69) o-Xylene	11.92	106	106216	18.220	ug/l	100
70) Styrene	11.94	104	180794	17.632	ug/l	98
71) Bromoform	12.10	173	44127	17.693	ug/l #	96
73) Isopropylbenzene	12.22	105	280821	19.649	ug/l	99
74) N-amyl acetate	12.04	43	130862	19.606	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	76558	19.160	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	80146m	18.479	ug/l	
77) Bromobenzene	12.50	156	69983	19.415	ug/l	98
78) n-propylbenzene	12.56	91	326119	19.594	ug/l	99
79) 2-Chlorotoluene	12.65	91	198908	18.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	239617	20.183	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	30239	18.947	ug/l	92
82) 4-Chlorotoluene	12.75	91	212784	18.733	ug/l	100
83) tert-Butylbenzene	12.96	119	187541	20.419	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	245123	20.230	ug/l	99
85) sec-Butylbenzene	13.14	105	246051	20.099	ug/l	100
86) p-Isopropyltoluene	13.26	119	222474	19.760	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	119691	18.224	ug/l	94
88) 1,4-Dichlorobenzene	13.33	146	124143	18.411	ug/l	99
89) n-Butylbenzene	13.59	91	199314	18.963	ug/l	98
90) Hexachloroethane	13.85	117	37451	20.121	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	119191	18.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19900	18.978	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	64500	19.307	ug/l	97
94) Hexachlorobutadiene	14.98	225	26012	17.869	ug/l	95
95) Naphthalene	15.10	128	212771	18.806	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	59638	18.295	ug/l	98

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

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