

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065013.D
 Acq On : 9 Dec 2020 12:13
 Operator : JC/MD
 Sample : VN1209WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:14:31 AM

Quant Time: Dec 10 04:30:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	197446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	303425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	271002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	108400	47.22	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.44%
35) Dibromofluoromethane	7.55	113	92091	50.72	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.44%
50) Toluene-d8	10.06	98	345233	46.54	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.08%
62) 4-Bromofluorobenzene	12.37	95	123062	46.35	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.70%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	25331	14.803	ug/l 99
3) Chloromethane	2.04	50	32613	14.666	ug/l 99
4) Vinyl Chloride	2.17	62	37140	16.020	ug/l 100
5) Bromomethane	2.53	94	25227	16.585	ug/l 95
6) Chloroethane	2.67	64	25291	17.637	ug/l 98
7) Trichlorofluoromethane	2.99	101	55633	17.359	ug/l 99
8) Diethyl Ether	3.37	74	22968	18.157	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	34750	18.076	ug/l 98
10) Methyl Iodide	3.91	142	39834	15.974	ug/l 99
11) Tert butyl alcohol	4.74	59	28232	78.865	ug/l 100
12) 1,1-Dichloroethene	3.69	96	32509	16.979	ug/l 98
13) Acrolein	3.56	56	18701	85.525	ug/l 98
14) Allyl chloride	4.27	41	52287	16.557	ug/l 99
15) Acrylonitrile	4.93	53	86834	87.806	ug/l 98
16) Acetone	3.78	43	80634	106.860	ug/l 97
17) Carbon Disulfide	4.01	76	75106	15.196	ug/l 100
18) Methyl Acetate	4.28	43	42737	18.838	ug/l # 74
19) Methyl tert-butyl Ether	4.99	73	112402	18.305	ug/l 98
20) Methylene Chloride	4.50	84	41471	17.539	ug/l 99
21) trans-1,2-Dichloroethene	4.98	96	34740	16.339	ug/l 99
22) Diisopropyl ether	5.90	45	117630	18.610	ug/l 98
23) Vinyl Acetate	5.84	43	456589	90.332	ug/l 99
24) 1,1-Dichloroethane	5.79	63	69878	18.499	ug/l 99
25) 2-Butanone	6.79	43	112365	91.861	ug/l 98
26) 2,2-Dichloropropane	6.77	77	58098	17.733	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	41945	17.532	ug/l 99
28) Bromochloromethane	7.15	49	31850	18.431	ug/l 96
29) Tetrahydrofuran	7.17	42	73542	87.097	ug/l 98
30) Chloroform	7.33	83	72211	18.537	ug/l 99
31) Cyclohexane	7.61	56	51260	16.022	ug/l 95
32) 1,1,1-Trichloroethane	7.52	97	59481	17.778	ug/l 99
36) 1,1-Dichloropropene	7.75	75	49560	17.622	ug/l 98
37) Ethyl Acetate	6.88	43	46540	17.179	ug/l 98
38) Carbon Tetrachloride	7.73	117	51983	17.764	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48667	16.074	ug/l	99
40) Benzene	8.00	78	155313	18.021	ug/l	99
41) Methacrylonitrile	7.12	41	19817	15.853	ug/l	99
42) 1,2-Dichloroethane	8.08	62	53726	18.479	ug/l	100
43) Isopropyl Acetate	8.13	43	78285	17.958	ug/l	99
44) Trichloroethene	8.80	130	43480	17.099	ug/l	99
45) 1,2-Dichloropropane	9.08	63	42091	18.859	ug/l	100
46) Dibromomethane	9.17	93	27658	18.550	ug/l	98
47) Bromodichloromethane	9.37	83	56504	18.834	ug/l	97
48) Methyl methacrylate	9.16	41	35568	17.075	ug/l	99
49) 1,4-Dioxane	9.16	88	13264	336.906	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	230232	87.972	ug/l	99
52) Toluene	10.12	92	98112	18.486	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	59920	17.932	ug/l	97
54) cis-1,3-Dichloropropene	9.80	75	66076	18.448	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	40642	18.622	ug/l	98
56) Ethyl methacrylate	10.40	69	52995	17.596	ug/l	100
57) 1,3-Dichloropropane	10.68	76	67666	18.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	140606	84.872	ug/l	99
59) 2-Hexanone	10.72	43	164233	87.196	ug/l	98
60) Dibromochloromethane	10.87	129	45372	18.702	ug/l	98
61) 1,2-Dibromoethane	10.97	107	40347	18.196	ug/l	100
64) Tetrachloroethene	10.60	164	45004	17.069	ug/l	97
65) Chlorobenzene	11.40	112	109650	18.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	41588	19.445	ug/l	98
67) Ethyl Benzene	11.48	91	176962	18.202	ug/l	98
68) m/p-Xylenes	11.59	106	138358	37.588	ug/l	99
69) o-Xylene	11.92	106	67463	19.314	ug/l	96
70) Styrene	11.94	104	112400	19.061	ug/l	98
71) Bromoform	12.10	173	30724	17.986	ug/l #	98
73) Isopropylbenzene	12.22	105	172365	18.952	ug/l	99
74) N-amyl acetate	12.04	43	61589	17.208	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53812	20.187	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	50576m	17.961	ug/l	
77) Bromobenzene	12.50	156	46819	19.095	ug/l	98
78) n-propylbenzene	12.56	91	195962	18.914	ug/l	99
79) 2-Chlorotoluene	12.65	91	120692	18.845	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	148166	19.600	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	17985	17.506	ug/l	96
82) 4-Chlorotoluene	12.75	91	127205	18.949	ug/l	99
83) tert-Butylbenzene	12.96	119	120965	19.091	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	150257	19.659	ug/l	99
85) sec-Butylbenzene	13.14	105	158463	18.836	ug/l	99
86) p-Isopropyltoluene	13.26	119	144629	18.883	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	81677	18.750	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	82964	18.009	ug/l	98
89) n-Butylbenzene	13.59	91	117141	17.415	ug/l	99
90) Hexachloroethane	13.85	117	25493	19.159	ug/l	95
91) 1,2-Dichlorobenzene	13.62	146	81615	19.081	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10386	17.316	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	40140	15.170	ug/l	97
94) Hexachlorobutadiene	14.98	225	23366	19.837	ug/l	97
95) Naphthalene	15.10	128	107654	13.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	37295	15.811	ug/l	99

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

