

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064786.D
 Acq On : 23 Nov 2020 16:21
 Operator : JC/MD
 Sample : VN1123WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:01:31 PM

Quant Time: Nov 24 03:44:11 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	188661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	288137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	269365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129863	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107378	48.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.92%		
35) Dibromofluoromethane	7.55	113	87047	50.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.98%		
50) Toluene-d8	10.06	98	347040	49.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.52%		
62) 4-Bromofluorobenzene	12.38	95	124855	49.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.04%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	27917	17.074	ug/l	100
3) Chloromethane	2.04	50	36402	17.132	ug/l	98
4) Vinyl Chloride	2.17	62	37909	17.113	ug/l	97
5) Bromomethane	2.54	94	27636	19.015	ug/l	90
6) Chloroethane	2.68	64	24270	17.714	ug/l	94
7) Trichlorofluoromethane	2.99	101	55120	18.000	ug/l	99
8) Diethyl Ether	3.37	74	21860	18.085	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33443	18.206	ug/l	99
10) Methyl Iodide	3.90	142	40956	17.189	ug/l	99
11) Tert butyl alcohol	4.75	59	31507	92.112	ug/l #	90
12) 1,1-Dichloroethene	3.69	96	31624	17.286	ug/l	98
13) Acrolein	3.57	56	18894	90.432	ug/l	99
14) Allyl chloride	4.27	41	53621	17.771	ug/l	99
15) Acrylonitrile	4.94	53	86377	91.411	ug/l	99
16) Acetone	3.78	43	64653	89.671	ug/l	100
17) Carbon Disulfide	4.01	76	81712	17.302	ug/l	98
18) Methyl Acetate	4.28	43	39466	18.206	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	109163	18.605	ug/l	96
20) Methylene Chloride	4.50	84	39121	17.315	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	35132	17.293	ug/l	97
22) Diisopropyl ether	5.90	45	113902	18.859	ug/l	96
23) Vinyl Acetate	5.85	43	454762	94.160	ug/l	99
24) 1,1-Dichloroethane	5.80	63	66172	18.333	ug/l	100
25) 2-Butanone	6.79	43	107639	92.095	ug/l	97
26) 2,2-Dichloropropane	6.78	77	54820	17.512	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	40525	17.727	ug/l	99
28) Bromochloromethane	7.15	49	29246	17.712	ug/l	99
29) Tetrahydrofuran	7.17	42	73145	90.661	ug/l	100
30) Chloroform	7.33	83	67242	18.065	ug/l	99
31) Cyclohexane	7.61	56	52999	17.337	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	57136	17.872	ug/l	99
36) 1,1-Dichloropropene	7.75	75	49215	18.427	ug/l	98
37) Ethyl Acetate	6.88	43	47159	18.331	ug/l	99
38) Carbon Tetrachloride	7.73	117	51338	18.474	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50545	17.580	ug/l	97
40) Benzene	8.00	78	150744	18.419	ug/l	98
41) Methacrylonitrile	7.13	41	19428	16.366	ug/l #	90
42) 1,2-Dichloroethane	8.08	62	52536	19.029	ug/l	99
43) Isopropyl Acetate	8.13	43	75908	18.337	ug/l	98
44) Trichloroethene	8.80	130	43957	18.204	ug/l	97
45) 1,2-Dichloropropane	9.08	63	40009	18.877	ug/l	99
46) Dibromomethane	9.17	93	27624	19.510	ug/l	95
47) Bromodichloromethane	9.37	83	52360	18.378	ug/l	97
48) Methyl methacrylate	9.17	41	36188	18.294	ug/l	97
49) 1,4-Dioxane	9.16	88	13746	367.674	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	235167	94.625	ug/l	99
52) Toluene	10.13	92	94655	18.780	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	57019	17.969	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	63022	18.529	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	38662	18.654	ug/l	96
56) Ethyl methacrylate	10.40	69	51396	17.971	ug/l	96
57) 1,3-Dichloropropane	10.68	76	65228	19.079	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	146597	93.183	ug/l	99
59) 2-Hexanone	10.72	43	169392	94.706	ug/l	98
60) Dibromochloromethane	10.87	129	43453	18.861	ug/l	98
61) 1,2-Dibromoethane	10.98	107	40092	19.040	ug/l	95
64) Tetrachloroethene	10.60	164	47350	18.068	ug/l	96
65) Chlorobenzene	11.41	112	104084	17.993	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	38396	18.062	ug/l	98
67) Ethyl Benzene	11.48	91	170204	17.613	ug/l	99
68) m/p-Xylenes	11.59	106	132335	36.170	ug/l	100
69) o-Xylene	11.92	106	63454	18.277	ug/l	99
70) Styrene	11.94	104	106771	18.217	ug/l	99
71) Bromoform	12.10	173	29412	17.322	ug/l #	100
73) Isopropylbenzene	12.22	105	165326	18.303	ug/l	98
74) N-amyl acetate	12.05	43	64619	18.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	48336	18.257	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	52520m	18.779	ug/l	
77) Bromobenzene	12.50	156	43644	17.922	ug/l	97
78) n-propylbenzene	12.57	91	190520	18.515	ug/l	99
79) 2-Chlorotoluene	12.65	91	116823	18.366	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	142925	19.036	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	18082	17.720	ug/l	94
82) 4-Chlorotoluene	12.75	91	121328	18.197	ug/l	97
83) tert-Butylbenzene	12.97	119	116581	18.525	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	142794	18.810	ug/l	99
85) sec-Butylbenzene	13.14	105	156247	18.699	ug/l	99
86) p-Isopropyltoluene	13.26	119	143648	18.883	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	77957	18.018	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	78813	17.225	ug/l	100
89) n-Butylbenzene	13.59	91	117895	17.647	ug/l	100
90) Hexachloroethane	13.85	117	24695	18.687	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	76672	18.048	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10700	17.961	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	44487	16.928	ug/l	99
94) Hexachlorobutadiene	14.98	225	21374	18.299	ug/l	98
95) Naphthalene	15.10	128	132800	16.867	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	44603	18.754	ug/l	98

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

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