

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN112320\
 Data File : VN064781.D
 Acq On : 23 Nov 2020 13:30
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:01:15 PM

Quant Time: Nov 23 13:51:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:11:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	192015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	296752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	275889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	143201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	345245	109.43	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	218.86%#
35) Dibromofluoromethane	7.55	113	272468	159.92	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	319.84%#
50) Toluene-d8	10.06	98	1158607	152.76	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	305.52%#
62) 4-Bromofluorobenzene	12.38	95	432867	154.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	308.68%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	232837	102.491	ug/l	98
3) Chloromethane	2.04	50	303073	118.076	ug/l	100
4) Vinyl Chloride	2.16	62	316057	118.482	ug/l	97
5) Bromomethane	2.50	94	201143	105.105	ug/l	100
6) Chloroethane	2.66	64	196829	110.766	ug/l	99
7) Trichlorofluoromethane	2.98	101	439688	94.812	ug/l	97
8) Diethyl Ether	3.37	74	174439	113.781	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.70	101	267529	128.094	ug/l	99
10) Methyl Iodide	3.90	142	379934	150.936	ug/l	99
11) Tert butyl alcohol	4.76	59	268913	813.559	ug/l	100
12) 1,1-Dichloroethene	3.69	96	271270	134.163	ug/l	97
13) Acrolein	3.56	56	169702	1683.440	ug/l	100
14) Allyl chloride	4.27	41	461264	134.138	ug/l	99
15) Acrylonitrile	4.93	53	752168	784.283	ug/l	100
16) Acetone	3.78	43	542812	659.768	ug/l	98
17) Carbon Disulfide	4.00	76	723901	116.469	ug/l	99
18) Methyl Acetate	4.28	43	333859	132.828	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	930048	138.914	ug/l	99
20) Methylene Chloride	4.50	84	316040	129.282	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	296038	131.642	ug/l	99
22) Diisopropyl ether	5.91	45	938353	130.010	ug/l	98
23) Vinyl Acetate	5.85	43	3864091	665.072	ug/l	100
24) 1,1-Dichloroethane	5.79	63	546520	128.556	ug/l	100
25) 2-Butanone	6.79	43	941589	739.253	ug/l	97
26) 2,2-Dichloropropane	6.78	77	459978	115.821	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	347304	139.783	ug/l	99
28) Bromochloromethane	7.15	49	252476	118.601	ug/l	98
29) Tetrahydrofuran	7.17	42	630567	734.974	ug/l	99
30) Chloroform	7.33	83	550782	120.495	ug/l	100
31) Cyclohexane	7.61	56	448926	127.036	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	481589	115.809	ug/l	99
36) 1,1-Dichloropropene	7.75	75	416795	139.188	ug/l	99
37) Ethyl Acetate	6.89	43	399097	157.048	ug/l	99
38) Carbon Tetrachloride	7.73	117	434970	137.838	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	467011	170.367	ug/l	98
40) Benzene	8.00	78	1264209	149.912	ug/l	99
41) Methacrylonitrile	7.13	41	192859	167.364	ug/l	89
42) 1,2-Dichloroethane	8.09	62	415090	118.579	ug/l	100
43) Isopropyl Acetate	8.13	43	667544	137.621	ug/l	100
44) Trichloroethene	8.80	130	361279	147.594	ug/l	100
45) 1,2-Dichloropropane	9.08	63	335011	149.632	ug/l	99
46) Dibromomethane	9.17	93	219610	139.947	ug/l	98
47) Bromodichloromethane	9.37	83	451824	137.562	ug/l	99
48) Methyl methacrylate	9.17	41	328187	143.887	ug/l	99
49) 1,4-Dioxane	9.17	88	118842	3853.907	ug/l	99
51) 4-Methyl-2-Pentanone	9.96	43	2028075	768.044	ug/l	100
52) Toluene	10.13	92	796184	153.796	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	516818	146.773	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	556942	151.582	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	315930	152.212	ug/l	98
56) Ethyl methacrylate	10.40	69	500405	172.724	ug/l	98
57) 1,3-Dichloropropane	10.68	76	535566	149.056	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1340196	839.178	ug/l	99
59) 2-Hexanone	10.72	43	1516807	795.507	ug/l	100
60) Dibromochloromethane	10.87	129	377556	156.833	ug/l	98
61) 1,2-Dibromoethane	10.98	107	334205	150.658	ug/l	100
64) Tetrachloroethene	10.60	164	364781	147.781	ug/l	99
65) Chlorobenzene	11.41	112	884185	151.788	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	333094	152.308	ug/l	99
67) Ethyl Benzene	11.48	91	1547199	151.442	ug/l	100
68) m/p-Xylenes	11.59	106	1196096	323.947	ug/l	99
69) o-Xylene	11.92	106	574871	160.388	ug/l	99
70) Styrene	11.94	104	995157	163.975	ug/l	99
71) Bromoform	12.10	173	274886	179.058	ug/l #	99
73) Isopropylbenzene	12.22	105	1511377	149.369	ug/l	100
74) N-amyl acetate	12.05	43	624082	135.531	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	432958	152.320	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	426896m	138.951	ug/l	
77) Bromobenzene	12.50	156	382543	148.713	ug/l	98
78) n-propylbenzene	12.57	91	1752749	149.271	ug/l	99
79) 2-Chlorotoluene	12.65	91	1036807	138.772	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1309252	155.934	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	179766	161.742	ug/l	96
82) 4-Chlorotoluene	12.75	91	1086131	136.948	ug/l	99
83) tert-Butylbenzene	12.97	119	1089372	166.120	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1338968	156.637	ug/l	98
85) sec-Butylbenzene	13.15	105	1451307	165.673	ug/l	100
86) p-Isopropyltoluene	13.26	119	1368993	169.580	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	708307	151.821	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	716455	149.219	ug/l	99
89) n-Butylbenzene	13.59	91	1207351	162.169	ug/l	99
90) Hexachloroethane	13.85	117	239803	178.178	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	691293	151.058	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	99580	136.062	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	437493	170.883	ug/l	99
94) Hexachlorobutadiene	14.98	225	197302	152.310	ug/l	99
95) Naphthalene	15.10	128	1364149	168.294	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	424229	172.300	ug/l	99

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

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