

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064704.D
 Acq On : 18 Nov 2020 13:25
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:10:05 PM

Quant Time: Nov 18 14:02:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	293293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	509810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	483313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	516077	100.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.80%	
35) Dibromofluoromethane	7.55	113	283396	84.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	168.38%	
50) Toluene-d8	10.06	98	1403033	104.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.70%	
62) 4-Bromofluorobenzene	12.37	95	544330	108.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	372188	99.673	ug/l	97
3) Chloromethane	2.04	50	406917	90.623	ug/l	99
4) Vinyl Chloride	2.17	62	440111	95.169	ug/l	100
5) Bromomethane	2.52	94	316550	105.302	ug/l	94
6) Chloroethane	2.67	64	294257	98.078	ug/l	96
7) Trichlorofluoromethane	2.99	101	752737	107.111	ug/l	99
8) Diethyl Ether	3.37	74	248868	101.585	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	319907	97.016	ug/l	100
10) Methyl Iodide	3.91	142	432954	112.836	ug/l	100
11) Tert butyl alcohol	4.74	59	265781	490.641	ug/l	98
12) 1,1-Dichloroethene	3.69	96	316822	102.108	ug/l	97
13) Acrolein	3.56	56	54556	178.488	ug/l	91
14) Allyl chloride	4.27	41	578994	97.141	ug/l	99
15) Acrylonitrile	4.93	53	807329	529.871	ug/l	99
16) Acetone	3.78	43	644493	358.007	ug/l	100
17) Carbon Disulfide	4.01	76	929463	100.753	ug/l	100
18) Methyl Acetate	4.28	43	381612	100.969	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	1161160	104.531	ug/l	100
20) Methylene Chloride	4.50	84	376695	98.507	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	359183	102.278	ug/l	99
22) Diisopropyl ether	5.91	45	1303688	103.178	ug/l	95
23) Vinyl Acetate	5.85	43	5258870	513.822	ug/l	100
24) 1,1-Dichloroethane	5.80	63	695475	99.210	ug/l	99
25) 2-Butanone	6.78	43	1123842	476.698	ug/l	100
26) 2,2-Dichloropropane	6.78	77	676000	105.392	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	417080	102.931	ug/l	100
28) Bromochloromethane	7.15	49	352212	99.399	ug/l	100
29) Tetrahydrofuran	7.17	42	761068	514.791	ug/l	99
30) Chloroform	7.33	83	769203	103.838	ug/l	97
31) Cyclohexane	7.61	56	569212	94.923	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	701561	106.296	ug/l	99
36) 1,1-Dichloropropene	7.75	75	575520	108.768	ug/l	99
37) Ethyl Acetate	6.88	43	509294	109.422	ug/l	99
38) Carbon Tetrachloride	7.73	117	608727	106.858	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	517932	109.689	ug/l	97
40) Benzene	8.00	78	1616611	104.145	ug/l	99
41) Methacrylonitrile	7.12	41	203885	86.622	ug/l #	82
42) 1,2-Dichloroethane	8.08	62	673219	106.745	ug/l	99
43) Isopropyl Acetate	8.13	43	936110	109.528	ug/l	99
44) Trichloroethene	8.80	130	441474	111.439	ug/l	99
45) 1,2-Dichloropropane	9.08	63	427831	103.574	ug/l	98
46) Dibromomethane	9.17	93	300729	108.850	ug/l	99
47) Bromodichloromethane	9.37	83	640479	108.406	ug/l	99
48) Methyl methacrylate	9.16	41	468083	108.791	ug/l	98
49) 1,4-Dioxane	9.17	88	113080	2024.095	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2726846	550.173	ug/l	99
52) Toluene	10.12	92	1043823	110.106	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	732614	117.536	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	743580	112.158	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	405897	109.221	ug/l	98
56) Ethyl methacrylate	10.40	69	625787	116.809	ug/l	99
57) 1,3-Dichloropropane	10.68	76	702924	108.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1693350	627.106	ug/l	100
59) 2-Hexanone	10.72	43	2008639	560.797	ug/l	99
60) Dibromochloromethane	10.87	129	483210	116.186	ug/l	100
61) 1,2-Dibromoethane	10.98	107	429014	113.653	ug/l	98
64) Tetrachloroethene	10.60	164	446258	117.991	ug/l	98
65) Chlorobenzene	11.40	112	1100437	105.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	430023	110.563	ug/l	98
67) Ethyl Benzene	11.48	91	2059170	111.399	ug/l	100
68) m/p-Xylenes	11.59	106	1527891	227.233	ug/l	97
69) o-Xylene	11.92	106	726025	111.887	ug/l	100
70) Styrene	11.94	104	1279958	117.016	ug/l	99
71) Bromoform	12.10	173	310461	118.484	ug/l #	100
73) Isopropylbenzene	12.22	105	1925302	103.144	ug/l	99
74) N-amyl acetate	12.04	43	924635	113.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	503828	88.637	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	526782m	92.475	ug/l	
77) Bromobenzene	12.50	156	464623	101.228	ug/l	99
78) n-propylbenzene	12.56	91	2272260	106.557	ug/l	100
79) 2-Chlorotoluene	12.65	91	1398554	102.964	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1648959	106.636	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	217277	107.107	ug/l	95
82) 4-Chlorotoluene	12.75	91	1501750	105.652	ug/l	99
83) tert-Butylbenzene	12.97	119	1279637	105.750	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	1702759	109.754	ug/l	99
85) sec-Butylbenzene	13.14	105	1688195	110.100	ug/l	100
86) p-Isopropyltoluene	13.26	119	1596323	115.401	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	845100	106.202	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	854859	103.898	ug/l	99
89) n-Butylbenzene	13.59	91	1438124	120.131	ug/l	99
90) Hexachloroethane	13.85	117	257515	98.640	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	827028	108.361	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	136422	117.605	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	441959	138.165	ug/l	99
94) Hexachlorobutadiene	14.98	225	175592	111.218	ug/l	98
95) Naphthalene	15.10	128	1540037	146.068	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	421802	132.130	ug/l	99

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

