

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062780.D
 Acq On : 7 Aug 2020 15:39
 Operator : JC/MD
 Sample : VN0807WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 12:24:31 PM

Quant Time: Aug 08 02:34:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	164253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	267620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115866	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124713	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	7.55	113	88151	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	10.06	98	333533	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
62) 4-Bromofluorobenzene	12.38	95	121750	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45997	19.556	ug/l	97
3) Chloromethane	2.04	50	46772	21.073	ug/l	97
4) Vinyl Chloride	2.16	62	45666	21.936	ug/l	98
5) Bromomethane	2.52	94	25997	18.865	ug/l	98
6) Chloroethane	2.66	64	27081	19.774	ug/l	98
7) Trichlorofluoromethane	2.98	101	67314	18.134	ug/l	99
8) Diethyl Ether	3.37	74	19010	17.889	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	28254	18.315	ug/l	99
10) Methyl Iodide	3.91	142	32430	18.025	ug/l #	93
11) Tert butyl alcohol	4.73	59	36520	82.034	ug/l	96
12) 1,1-Dichloroethene	3.70	96	25793	17.684	ug/l	98
13) Acrolein	3.57	56	17539	65.069	ug/l	98
14) Allyl chloride	4.27	41	47645	16.568	ug/l	99
15) Acrylonitrile	4.93	53	91042	88.171	ug/l	100
16) Acetone	3.78	43	80833	82.359	ug/l	98
17) Carbon Disulfide	4.00	76	72502	17.655	ug/l	98
18) Methyl Acetate	4.28	43	44563	18.485	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	110332	17.338	ug/l	95
20) Methylene Chloride	4.50	84	33773	18.321	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	29153	17.736	ug/l	95
22) Diisopropyl ether	5.91	45	116644	19.054	ug/l	94
23) Vinyl Acetate	5.85	43	387823	83.289	ug/l	98
24) 1,1-Dichloroethane	5.80	63	63872	17.804	ug/l	99
25) 2-Butanone	6.79	43	118995	85.603	ug/l	99
26) 2,2-Dichloropropane	6.77	77	52272	15.807	ug/l	98
27) cis-1,2-Dichloroethene	6.79	96	35835	18.174	ug/l	93
28) Bromochloromethane	7.15	49	34634	20.003	ug/l	96
29) Tetrahydrofuran	7.17	42	79510	88.043	ug/l	100
30) Chloroform	7.33	83	66570	17.461	ug/l	97
31) Cyclohexane	7.61	56	59314	18.011	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	58536	17.172	ug/l	97
36) 1,1-Dichloropropene	7.75	75	43189	16.574	ug/l	96
37) Ethyl Acetate	6.88	43	41354	15.192	ug/l	96
38) Carbon Tetrachloride	7.73	117	50675	16.443	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	52881	16.863	ug/l	93
40) Benzene	8.00	78	133766	17.203	ug/l	97
41) Methacrylonitrile	7.12	41	21084m	17.165	ug/l	
42) 1,2-Dichloroethane	8.09	62	56157	16.968	ug/l	100
43) Isopropyl Acetate	8.13	43	74936	16.505	ug/l #	91
44) Trichloroethene	8.80	130	33362	17.610	ug/l	97
45) 1,2-Dichloropropane	9.08	63	37870	17.994	ug/l	96
46) Dibromomethane	9.18	93	24391	17.688	ug/l	99
47) Bromodichloromethane	9.37	83	54152	17.485	ug/l	99
48) Methyl methacrylate	9.17	41	37310	16.707	ug/l	99
49) 1,4-Dioxane	9.17	88	13214	319.331	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	254108	86.501	ug/l	99
52) Toluene	10.13	92	84290	17.557	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	55589	16.318	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	58991	17.247	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	35793	17.456	ug/l	98
56) Ethyl methacrylate	10.40	69	52179	16.906	ug/l	98
57) 1,3-Dichloropropane	10.68	76	59965	17.211	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	67592	77.477	ug/l	98
59) 2-Hexanone	10.72	43	182945	83.486	ug/l	100
60) Dibromochloromethane	10.87	129	40039	17.111	ug/l	99
61) 1,2-Dibromoethane	10.98	107	36227	17.905	ug/l	99
64) Tetrachloroethene	10.60	164	28776	17.646	ug/l	97
65) Chlorobenzene	11.41	112	90935	17.212	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	37385	17.621	ug/l	97
67) Ethyl Benzene	11.48	91	157814	16.692	ug/l	96
68) m/p-Xylenes	11.60	106	119690	34.875	ug/l	97
69) o-Xylene	11.92	106	57463	17.867	ug/l	96
70) Styrene	11.94	104	98586	17.439	ug/l	99
71) Bromoform	12.10	173	29447	16.963	ug/l #	99
73) Isopropylbenzene	12.22	105	157278	18.027	ug/l	99
74) N-amyl acetate	12.05	43	63474	17.953	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	56346	18.346	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	54607m	17.475	ug/l	
77) Bromobenzene	12.50	156	40349	18.613	ug/l	92
78) n-propylbenzene	12.57	91	182425	17.812	ug/l	100
79) 2-Chlorotoluene	12.65	91	113377	17.653	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	138011	18.234	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	17583	17.178	ug/l	97
82) 4-Chlorotoluene	12.75	91	119944	18.123	ug/l	99
83) tert-Butylbenzene	12.97	119	115774	18.076	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	135078	18.654	ug/l	99
85) sec-Butylbenzene	13.15	105	151979	18.070	ug/l	99
86) p-Isopropyltoluene	13.26	119	132748	17.781	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	67958	17.548	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	67505	17.379	ug/l	97
89) n-Butylbenzene	13.59	91	105325	16.681	ug/l	100
90) Hexachloroethane	13.85	117	27376	17.012	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	67213	18.512	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	11516	17.465	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	26758	16.133	ug/l	100
94) Hexachlorobutadiene	14.98	225	20468	16.886	ug/l	98
95) Naphthalene	15.10	128	65423	15.080	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	28074	16.548	ug/l	99

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

