

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063127.D
 Acq On : 26 Aug 2020 12:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 1:28:11 PM

Quant Time: Aug 26 15:55:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	202060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	292738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144849	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109096	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
35) Dibromofluoromethane	7.55	113	97508	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.06	98	388606	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.37	95	139148	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	114856	43.544	ug/l	99
3) Chloromethane	2.04	50	127739	46.107	ug/l	100
4) Vinyl Chloride	2.17	62	127434	47.562	ug/l	97
5) Bromomethane	2.54	94	73612	46.288	ug/l	98
6) Chloroethane	2.68	64	76299	48.232	ug/l	99
7) Trichlorofluoromethane	2.99	101	161460	48.322	ug/l	98
8) Diethyl Ether	3.37	74	53732	45.457	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	83905	46.602	ug/l	99
10) Methyl Iodide	3.91	142	103832	45.497	ug/l	100
11) Tert butyl alcohol	4.73	59	64727	190.816	ug/l	99
12) 1,1-Dichloroethene	3.70	96	73528	42.869	ug/l	97
13) Acrolein	3.58	56	1964	18.482	ug/l	92
14) Allyl chloride	4.28	41	134132	44.354	ug/l	98
15) Acrylonitrile	4.93	53	212320	212.958	ug/l	99
16) Acetone	3.78	43	155696	207.826	ug/l	98
17) Carbon Disulfide	4.01	76	178906	39.829	ug/l	99
18) Methyl Acetate	4.28	43	97671	41.040	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	289902	48.466	ug/l	99
20) Methylene Chloride	4.50	84	97462	46.055	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	81966	45.665	ug/l	99
22) Diisopropyl ether	5.90	45	339046	49.405	ug/l	99
23) Vinyl Acetate	5.84	43	1009864	218.069	ug/l	99
24) 1,1-Dichloroethane	5.80	63	176920	46.135	ug/l	99
25) 2-Butanone	6.78	43	258708	203.483	ug/l	99
26) 2,2-Dichloropropane	6.78	77	148084	49.101	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	104877	46.616	ug/l	99
28) Bromochloromethane	7.15	49	95163	47.427	ug/l	98
29) Tetrahydrofuran	7.17	42	162472	198.001	ug/l	97
30) Chloroform	7.33	83	172184	44.582	ug/l	98
31) Cyclohexane	7.61	56	154946	43.899	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	141828	44.981	ug/l	98
36) 1,1-Dichloropropene	7.75	75	117082	45.385	ug/l	99
37) Ethyl Acetate	6.88	43	100774	41.689	ug/l	98
38) Carbon Tetrachloride	7.73	117	120077	46.104	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	159790	46.007	ug/l	98
40) Benzene	8.00	78	374183	45.732	ug/l	100
41) Methacrylonitrile	7.13	41	54600	47.408	ug/l	95
42) 1,2-Dichloroethane	8.08	62	122288	44.511	ug/l	98
43) Isopropyl Acetate	8.12	43	164419	41.057	ug/l	97
44) Trichloroethene	8.80	130	97184	47.750	ug/l	95
45) 1,2-Dichloropropane	9.08	63	114424	48.380	ug/l	98
46) Dibromomethane	9.17	93	64605	47.284	ug/l	99
47) Bromodichloromethane	9.37	83	145962	48.775	ug/l	100
48) Methyl methacrylate	9.17	41	85614	45.184	ug/l	100
49) 1,4-Dioxane	9.17	88	31495	759.089	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	550935	217.649	ug/l	99
52) Toluene	10.12	92	245852	49.810	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	157337	50.842	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	175008	51.552	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	101516	48.101	ug/l	99
56) Ethyl methacrylate	10.40	69	142424	43.914	ug/l	99
57) 1,3-Dichloropropane	10.68	76	168210	47.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	323828	400.899	ug/l	100
59) 2-Hexanone	10.72	43	403545	228.554	ug/l	100
60) Dibromochloromethane	10.87	129	113570	48.626	ug/l	99
61) 1,2-Dibromoethane	10.98	107	96392	47.533	ug/l	100
64) Tetrachloroethene	10.60	164	99948	54.625	ug/l	98
65) Chlorobenzene	11.41	112	269843	48.270	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	107454	49.418	ug/l	100
67) Ethyl Benzene	11.48	91	484492	51.291	ug/l	100
68) m/p-Xylenes	11.59	106	368126	104.856	ug/l	100
69) o-Xylene	11.92	106	175897	52.175	ug/l	99
70) Styrene	11.94	104	318233	47.660	ug/l	99
71) Bromoform	12.10	173	80685	46.619	ug/l #	99
73) Isopropylbenzene	12.22	105	477926	48.182	ug/l	100
74) N-amyl acetate	12.04	43	171094	48.160	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	137493	42.709	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	117181m	41.619	ug/l	
77) Bromobenzene	12.50	156	126652	46.425	ug/l	97
78) n-propylbenzene	12.57	91	571742	50.569	ug/l	100
79) 2-Chlorotoluene	12.65	91	335382	47.161	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	418040	50.982	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	47022	45.868	ug/l	97
82) 4-Chlorotoluene	12.75	91	355158	49.046	ug/l	99
83) tert-Butylbenzene	12.97	119	353620	49.966	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	423691	53.039	ug/l	99
85) sec-Butylbenzene	13.15	105	481458	50.336	ug/l	100
86) p-Isopropyltoluene	13.26	119	444618	53.349	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	232850	49.664	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	232478	48.854	ug/l	99
89) n-Butylbenzene	13.59	91	394604	49.959	ug/l	100
90) Hexachloroethane	13.85	117	75811	42.797	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	227016	50.127	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	24843	49.730	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	152606	59.809	ug/l	99
94) Hexachlorobutadiene	14.98	225	73475	43.905	ug/l	100
95) Naphthalene	15.10	128	371572	62.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	144116	57.883	ug/l	99

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

