

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061627.D
 Acq On : 3 Jun 2020 10:21
 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
 6/4/2020 3:08:08 PM

Quant Time: Jun 04 07:52:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	372567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	593621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	564269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	294559	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	193181	43.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.04%	
35) Dibromofluoromethane	7.54	113	143227	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	10.06	98	669556	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.38	95	245649	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	194616	45.352	ug/l	95
3) Chloromethane	2.03	50	207612	45.688	ug/l	100
4) Vinyl Chloride	2.16	62	290690	46.681	ug/l	100
5) Bromomethane	2.52	94	177657	49.719	ug/l	100
6) Chloroethane	2.67	64	183894	45.880	ug/l	99
7) Trichlorofluoromethane	2.98	101	354632	44.163	ug/l	100
8) Diethyl Ether	3.37	74	109795	44.715	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	172974	48.542	ug/l	100
10) Methyl Iodide	3.91	142	228445	46.182	ug/l	99
11) Tert butyl alcohol	4.73	59	147355	249.574	ug/l	98
12) 1,1-Dichloroethene	3.69	96	171755	45.116	ug/l	97
13) Acrolein	3.56	56	45458	267.983	ug/l	99
14) Allyl chloride	4.27	41	220052	44.213	ug/l	97
15) Acrylonitrile	4.93	53	372180	225.838	ug/l	99
16) Acetone	3.77	43	309388	252.975	ug/l	98
17) Carbon Disulfide	4.00	76	354831	42.364	ug/l	99
18) Methyl Acetate	4.27	43	174924	43.531	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	593673	45.756	ug/l	97
20) Methylene Chloride	4.50	84	197735	48.974	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	197050	45.897	ug/l	95
22) Diisopropyl ether	5.90	45	501192	45.689	ug/l	99
23) Vinyl Acetate	5.84	43	1871855	214.097	ug/l	98
24) 1,1-Dichloroethane	5.79	63	323230	46.468	ug/l	98
25) 2-Butanone	6.78	43	468319	222.614	ug/l	99
26) 2,2-Dichloropropane	6.77	77	305639	48.007	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	233328	47.995	ug/l	99
28) Bromochloromethane	7.15	49	122464	46.808	ug/l	92
29) Tetrahydrofuran	7.16	42	298630	215.271	ug/l	97
30) Chloroform	7.33	83	367818	47.796	ug/l	98
31) Cyclohexane	7.61	56	277864	44.416	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	332302	47.389	ug/l	99
36) 1,1-Dichloropropene	7.75	75	264379	50.309	ug/l	99
37) Ethyl Acetate	6.88	43	199062	47.031	ug/l	98
38) Carbon Tetrachloride	7.73	117	275465	54.344	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	316952	48.933	ug/l	96
40) Benzene	8.00	78	812752	50.125	ug/l	99
41) Methacrylonitrile	7.12	41	86720	44.719	ug/l	96
42) 1,2-Dichloroethane	8.08	62	263480	48.538	ug/l	99
43) Isopropyl Acetate	8.12	43	348472	45.762	ug/l	98
44) Trichloroethene	8.80	130	261538	52.485	ug/l	95
45) 1,2-Dichloropropane	9.08	63	192242	49.931	ug/l	97
46) Dibromomethane	9.17	93	146400	49.579	ug/l	98
47) Bromodichloromethane	9.37	83	297978	50.934	ug/l	99
48) Methyl methacrylate	9.17	41	151229	44.141	ug/l	97
49) 1,4-Dioxane	9.16	88	64859	1222.002	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1006447	234.536	ug/l	99
52) Toluene	10.12	92	552408	52.198	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	317795	50.425	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	342321	50.516	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	211983	50.277	ug/l	98
56) Ethyl methacrylate	10.40	69	297673	50.541	ug/l	98
57) 1,3-Dichloropropane	10.68	76	340454	50.487	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	640732	254.566	ug/l	98
59) 2-Hexanone	10.72	43	728836	236.493	ug/l	99
60) Dibromochloromethane	10.87	129	254687	53.134	ug/l	99
61) 1,2-Dibromoethane	10.98	107	228996	52.076	ug/l	100
64) Tetrachloroethene	10.60	164	291223	54.828	ug/l	99
65) Chlorobenzene	11.41	112	611449	52.131	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	229949	52.652	ug/l	99
67) Ethyl Benzene	11.48	91	1055770	52.079	ug/l	99
68) m/p-Xylenes	11.59	106	839443	104.433	ug/l	99
69) o-Xylene	11.92	106	404737	53.013	ug/l	98
70) Styrene	11.94	104	680003	53.784	ug/l	99
71) Bromoform	12.10	173	180082	53.512	ug/l #	99
73) Isopropylbenzene	12.22	105	1063286	49.458	ug/l	100
74) N-amyl acetate	12.04	43	304169	44.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	265226	44.023	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	232680m	43.441	ug/l	
77) Bromobenzene	12.50	156	280069	51.035	ug/l	96
78) n-propylbenzene	12.56	91	1184212	49.340	ug/l	99
79) 2-Chlorotoluene	12.65	91	696000	48.633	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	898509	50.003	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	97393	46.499	ug/l	100
82) 4-Chlorotoluene	12.75	91	731720	48.601	ug/l	99
83) tert-Butylbenzene	12.97	119	768320	48.393	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	891535	49.943	ug/l	98
85) sec-Butylbenzene	13.15	105	991736	48.476	ug/l	99
86) p-Isopropyltoluene	13.26	119	935177	49.637	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	496996	51.143	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	504356	50.946	ug/l	99
89) n-Butylbenzene	13.59	91	767861	48.659	ug/l	100
90) Hexachloroethane	13.85	117	111484	53.506	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	475942	51.249	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	50611	41.191	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	284452	52.373	ug/l	99
94) Hexachlorobutadiene	14.99	225	111658	48.203	ug/l	99
95) Naphthalene	15.10	128	799404	48.356	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	269872	50.537	ug/l	100

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

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