

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061839.D
 Acq On : 17 Jun 2020 11:04
 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
 6/18/2020 9:38:04 AM

Quant Time: Jun 18 04:18:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	178141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	274217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	116609	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	7.54	113	99953	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	10.06	98	395738	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.37	95	140063	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	130477	56.254	ug/l	97
3) Chloromethane	2.03	50	127276	51.473	ug/l	98
4) Vinyl Chloride	2.16	62	158685	53.832	ug/l	99
5) Bromomethane	2.53	94	110061	48.621	ug/l	99
6) Chloroethane	2.67	64	104314	52.288	ug/l	99
7) Trichlorofluoromethane	2.98	101	198172	56.282	ug/l	99
8) Diethyl Ether	3.37	74	64315	54.333	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	100471	55.619	ug/l	98
10) Methyl Iodide	3.91	142	121739	55.219	ug/l	99
11) Tert butyl alcohol	4.72	59	72915	220.548	ug/l	99
12) 1,1-Dichloroethene	3.69	96	99087	54.744	ug/l	93
13) Acrolein	3.56	56	47467	240.223	ug/l	98
14) Allyl chloride	4.27	41	129781	54.025	ug/l	98
15) Acrylonitrile	4.92	53	200961	245.316	ug/l	99
16) Acetone	3.77	43	202490	286.932	ug/l	100
17) Carbon Disulfide	4.00	76	286136	54.028	ug/l	99
18) Methyl Acetate	4.27	43	95815	47.159	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	318012	52.769	ug/l	98
20) Methylene Chloride	4.50	84	111901	48.670	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	110995	53.389	ug/l	99
22) Diisopropyl ether	5.90	45	290422	52.861	ug/l	99
23) Vinyl Acetate	5.84	43	1132946	262.188	ug/l	99
24) 1,1-Dichloroethane	5.79	63	188724	52.474	ug/l	99
25) 2-Butanone	6.78	43	263591	256.006	ug/l	98
26) 2,2-Dichloropropane	6.77	77	166808	55.128	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	127259	53.050	ug/l	100
28) Bromochloromethane	7.14	49	87494	54.638	ug/l	100
29) Tetrahydrofuran	7.16	42	161029	237.644	ug/l	99
30) Chloroform	7.32	83	195579	50.883	ug/l	100
31) Cyclohexane	7.61	56	163125	51.812	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	171733	52.462	ug/l	99
36) 1,1-Dichloropropene	7.75	75	151063	56.200	ug/l	99
37) Ethyl Acetate	6.87	43	108979	51.919	ug/l	99
38) Carbon Tetrachloride	7.73	117	147331	55.349	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	177413	61.296	ug/l	99
40) Benzene	8.00	78	447283	54.932	ug/l	100
41) Methacrylonitrile	7.12	41	45712	50.928	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	149072	53.694	ug/l	100
43) Isopropyl Acetate	8.12	43	189154	53.473	ug/l #	91
44) Trichloroethene	8.80	130	119170	55.612	ug/l	98
45) 1,2-Dichloropropane	9.08	63	110942	55.443	ug/l	99
46) Dibromomethane	9.17	93	76312	54.157	ug/l	98
47) Bromodichloromethane	9.37	83	158153	54.813	ug/l	98
48) Methyl methacrylate	9.16	41	83959	52.192	ug/l	99
49) 1,4-Dioxane	9.16	88	38340	1038.092	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	546356	261.370	ug/l	99
52) Toluene	10.12	92	293467	57.388	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	176947	57.769	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	191983	57.706	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	111366	55.351	ug/l	99
56) Ethyl methacrylate	10.40	69	152734	49.715	ug/l	98
57) 1,3-Dichloropropane	10.68	76	184785	54.212	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	257176	242.195	ug/l	99
59) 2-Hexanone	10.72	43	409111	245.244	ug/l	99
60) Dibromochloromethane	10.87	129	123613	55.060	ug/l	98
61) 1,2-Dibromoethane	10.98	107	112646	53.618	ug/l	99
64) Tetrachloroethene	10.60	164	101870	58.286	ug/l	96
65) Chlorobenzene	11.40	112	317549	54.880	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	114818	56.896	ug/l	100
67) Ethyl Benzene	11.48	91	564133	58.150	ug/l	100
68) m/p-Xylenes	11.59	106	445195	119.009	ug/l	100
69) o-Xylene	11.92	106	210017	58.839	ug/l	99
70) Styrene	11.94	104	359843	60.210	ug/l	99
71) Bromoform	12.10	173	82703	56.206	ug/l #	99
73) Isopropylbenzene	12.22	105	558368	56.340	ug/l	100
74) N-amyl acetate	12.04	43	174232	48.634	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	156375	48.531	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	125040m	45.667	ug/l	
77) Bromobenzene	12.50	156	135176	54.064	ug/l	97
78) n-propylbenzene	12.56	91	646456	57.166	ug/l	100
79) 2-Chlorotoluene	12.65	91	371674	54.724	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	470819	57.422	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	52967	52.761	ug/l	99
82) 4-Chlorotoluene	12.75	91	393659	56.093	ug/l	100
83) tert-Butylbenzene	12.97	119	388378	55.873	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	470522	58.134	ug/l	99
85) sec-Butylbenzene	13.15	105	528142	58.049	ug/l	99
86) p-Isopropyltoluene	13.26	119	486724	60.036	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	251006	55.042	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	252620	54.119	ug/l	99
89) n-Butylbenzene	13.59	91	404605	59.758	ug/l	99
90) Hexachloroethane	13.85	117	81897	55.185	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	238658	54.362	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	26671	50.987	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	123717	59.720	ug/l	99
94) Hexachlorobutadiene	14.98	225	45580	55.863	ug/l	98
95) Naphthalene	15.10	128	339940	49.071	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	118561	57.788	ug/l	99

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

