

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056605.D
 Acq On : 8 Jul 2019 12:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 9:46:37 AM

Quant Time: Jul 09 03:53:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	312643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	461694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	416689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	174827	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	7.59	113	154777	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
50) Toluene-d8	10.09	98	577790	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.40	95	204666	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	123583	46.683	ug/l	100
3) Chloromethane	2.06	50	154532	42.871	ug/l	98
4) Vinyl Chloride	2.18	62	159740	45.883	ug/l	99
5) Bromomethane	2.53	94	83372m	40.849	ug/l	
6) Chloroethane	2.68	64	90481	44.878	ug/l	100
7) Trichlorofluoromethane	3.00	101	220666	48.999	ug/l	98
8) Diethyl Ether	3.41	74	92687	48.630	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	145202	50.559	ug/l	98
10) Methyl Iodide	3.95	142	156335	40.276	ug/l	99
11) Tert butyl alcohol	4.79	59	136961	234.682	ug/l	98
12) 1,1-Dichloroethene	3.73	96	130793	47.357	ug/l	100
13) Acrolein	3.60	56	50745	103.167	ug/l	100
14) Allyl chloride	4.32	41	235780	51.285	ug/l	99
15) Acrylonitrile	4.98	53	413146	255.891	ug/l	99
16) Acetone	3.82	43	390949	225.196	ug/l	99
17) Carbon Disulfide	4.05	76	270507	43.062	ug/l	98
18) Methyl Acetate	4.32	43	175661	51.692	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	462143	50.569	ug/l	98
20) Methylene Chloride	4.54	84	157237	48.010	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	139579	46.875	ug/l	97
22) Diisopropyl ether	5.95	45	509089	52.726	ug/l	94
23) Vinyl Acetate	5.89	43	2064532	271.099	ug/l	100
24) 1,1-Dichloroethane	5.84	63	276880	49.956	ug/l	99
25) 2-Butanone	6.83	43	582038	253.318	ug/l	99
26) 2,2-Dichloropropane	6.82	77	211792	54.942	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	172685	49.569	ug/l	97
28) Bromochloromethane	7.19	49	136796	49.899	ug/l	99
29) Tetrahydrofuran	7.21	42	361824	257.689	ug/l	99
30) Chloroform	7.37	83	283060	51.757	ug/l	98
31) Cyclohexane	7.65	56	241264	45.090	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	225777	52.082	ug/l	99
36) 1,1-Dichloropropene	7.79	75	200398	49.314	ug/l	100
37) Ethyl Acetate	6.93	43	216262	54.152	ug/l	98
38) Carbon Tetrachloride	7.77	117	191280	53.826	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	242107	48.283	ug/l	98
40) Benzene	8.04	78	630329	50.426	ug/l	100
41) Methacrylonitrile	7.17	41	94364	53.510	ug/l	96
42) 1,2-Dichloroethane	8.12	62	210606	51.053	ug/l	100
43) Isopropyl Acetate	8.16	43	346188	56.217	ug/l	100
44) Trichloroethene	8.83	130	164197	48.763	ug/l	97
45) 1,2-Dichloropropane	9.12	63	174733	52.269	ug/l	100
46) Dibromomethane	9.21	93	107374	51.339	ug/l	99
47) Bromodichloromethane	9.40	83	210917	56.860	ug/l	99
48) Methyl methacrylate	9.20	41	171880	55.698	ug/l	95
49) 1,4-Dioxane	9.20	88	67285	1050.681	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	1102061	277.275	ug/l	100
52) Toluene	10.15	92	389229	50.931	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	225444	52.055	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	257794	57.711	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	164286	53.481	ug/l	98
56) Ethyl methacrylate	10.43	69	249613	55.602	ug/l	98
57) 1,3-Dichloropropane	10.71	76	274136	53.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	676497	419.458	ug/l	99
59) 2-Hexanone	10.75	43	823047	281.749	ug/l	100
60) Dibromochloromethane	10.90	129	169383	53.472	ug/l	98
61) 1,2-Dibromoethane	11.00	107	166839	53.177	ug/l	100
64) Tetrachloroethene	10.63	164	154172	46.721	ug/l	99
65) Chlorobenzene	11.43	112	421140	50.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	157959	55.820	ug/l	99
67) Ethyl Benzene	11.51	91	747447	50.842	ug/l	99
68) m/p-Xylenes	11.62	106	567858	105.398	ug/l	99
69) o-Xylene	11.95	106	274762	51.547	ug/l	99
70) Styrene	11.96	104	472808	55.494	ug/l	99
71) Bromoform	12.12	173	123545	53.859	ug/l #	99
73) Isopropylbenzene	12.25	105	738367	50.001	ug/l	99
74) N-amyl acetate	12.07	43	291315	46.557	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	240934	52.879	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	203650m	49.955	ug/l	
77) Bromobenzene	12.52	156	192611	43.814	ug/l	96
78) n-propylbenzene	12.59	91	844207	46.889	ug/l	99
79) 2-Chlorotoluene	12.67	91	497059	50.366	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	628592	50.841	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	69726	60.789	ug/l	91
82) 4-Chlorotoluene	12.77	91	497556	46.804	ug/l	100
83) tert-Butylbenzene	12.99	119	536996	49.795	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	629834	47.587	ug/l	100
85) sec-Butylbenzene	13.17	105	724267	45.768	ug/l	99
86) p-Isopropyltoluene	13.29	119	664940	48.961	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	331661	49.783	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	325343	50.424	ug/l	99
89) n-Butylbenzene	13.61	91	572807	55.714	ug/l	99
90) Hexachloroethane	13.87	117	104420	49.317	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	329753	49.888	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	42872	58.933	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	189831	54.571	ug/l	98
94) Hexachlorobutadiene	15.01	225	117811	52.696	ug/l	99
95) Naphthalene	15.13	128	505304	55.523	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	194502	54.128	ug/l	100

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

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