

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
 Data File : VX011341.D
 Acq On : 06 Aug 2019 09:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 11:25:25 AM

Quant Time: Aug 07 01:26:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	165855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	231757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	221539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	81381	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	5.49	113	74548	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.71	98	283367	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	106289	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	56834	44.368	ug/l	100
3) Chloromethane	1.32	50	63537	44.169	ug/l	99
4) Vinyl Chloride	1.40	62	69713	44.058	ug/l	100
5) Bromomethane	1.63	94	45782	40.569	ug/l	98
6) Chloroethane	1.71	64	46737	47.583	ug/l	98
7) Trichlorofluoromethane	1.92	101	127033	45.152	ug/l	100
8) Diethyl Ether	2.18	74	42923	42.726	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69076	45.376	ug/l	99
10) Methyl Iodide	2.50	142	85694	44.650	ug/l	100
11) Tert butyl alcohol	3.04	59	72848	218.726	ug/l	99
12) 1,1-Dichloroethene	2.36	96	66614	44.144	ug/l	90
13) Acrolein	2.29	56	45626	220.383	ug/l	99
14) Allyl chloride	2.72	41	98720	49.073	ug/l	97
15) Acrylonitrile	3.13	53	182912	230.138	ug/l	99
16) Acetone	2.43	43	211937	266.586	ug/l	99
17) Carbon Disulfide	2.56	76	162259	45.821	ug/l	100
18) Methyl Acetate	2.76	43	81922	45.091	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	208212	46.821	ug/l	97
20) Methylene Chloride	2.85	84	75442	43.330	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	71798	44.979	ug/l	96
22) Diisopropyl ether	3.85	45	207409	46.910	ug/l	92
23) Vinyl Acetate	3.80	43	910869	248.386	ug/l	98
24) 1,1-Dichloroethane	3.68	63	119759	45.935	ug/l	98
25) 2-Butanone	4.66	43	277147	245.068	ug/l	99
26) 2,2-Dichloropropane	4.57	77	101353	50.010	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	83016	45.151	ug/l	99
28) Bromochloromethane	5.00	49	59248	49.849	ug/l	96
29) Tetrahydrofuran	5.12	42	157498	227.136	ug/l	99
30) Chloroform	5.20	83	133390	47.075	ug/l	98
31) Cyclohexane	5.57	56	97145	45.164	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	116288	47.907	ug/l	99
36) 1,1-Dichloropropene	5.79	75	94796	46.849	ug/l	100
37) Ethyl Acetate	4.82	43	97309	47.943	ug/l	99
38) Carbon Tetrachloride	5.77	117	104684	51.423	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	112554	46.927	ug/l	99
40) Benzene	6.13	78	292768	48.486	ug/l	100
41) Methacrylonitrile	5.03	41	54908	49.535	ug/l	97
42) 1,2-Dichloroethane	6.18	62	100462	49.203	ug/l	99
43) Isopropyl Acetate	6.43	43	156054	48.091	ug/l	99
44) Trichloroethene	7.20	130	85325	46.685	ug/l	99
45) 1,2-Dichloropropane	7.51	63	73250	46.842	ug/l	97
46) Dibromomethane	7.65	93	54271	47.540	ug/l	98
47) Bromodichloromethane	7.89	83	99495	51.478	ug/l	97
48) Methyl methacrylate	7.76	41	75860	49.675	ug/l	97
49) 1,4-Dioxane	7.73	88	38843	877.353	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	522738	249.613	ug/l	99
52) Toluene	8.78	92	194602	48.745	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	107471	47.874	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	118085	52.302	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	81525	49.667	ug/l	99
56) Ethyl methacrylate	9.17	69	117329	50.159	ug/l	98
57) 1,3-Dichloropropane	9.37	76	126247	48.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	279293	242.836	ug/l	100
59) 2-Hexanone	9.49	43	426242	262.774	ug/l	98
60) Dibromochloromethane	9.58	129	87728	52.203	ug/l	99
61) 1,2-Dibromoethane	9.66	107	86650	48.861	ug/l	99
64) Tetrachloroethene	9.33	164	86787	46.129	ug/l	96
65) Chlorobenzene	10.13	112	221939	46.723	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	82056	50.458	ug/l	99
67) Ethyl Benzene	10.25	91	384335	48.312	ug/l	99
68) m/p-Xylenes	10.35	106	298314	96.948	ug/l	98
69) o-Xylene	10.69	106	143128	47.341	ug/l	99
70) Styrene	10.71	104	249078	49.790	ug/l	98
71) Bromoform	10.85	173	68027	46.967	ug/l	99
73) Isopropylbenzene	11.01	105	395679	47.351	ug/l	100
74) N-amyl acetate	10.89	43	147692	48.914	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	125536	45.080	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	108360m	48.699	ug/l	
77) Bromobenzene	11.25	156	107772	46.510	ug/l	98
78) n-propylbenzene	11.35	91	450605	48.490	ug/l	99
79) 2-Chlorotoluene	11.41	91	260726	47.073	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	339109	48.478	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37513	45.470	ug/l	96
82) 4-Chlorotoluene	11.51	91	308457	47.785	ug/l	100
83) tert-Butylbenzene	11.77	119	332047	48.398	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	340815	48.935	ug/l	100
85) sec-Butylbenzene	11.94	105	394880	47.906	ug/l	99
86) p-Isopropyltoluene	12.06	119	374470	49.382	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	193817	47.339	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	195968	46.418	ug/l	99
89) n-Butylbenzene	12.38	91	325058	49.755	ug/l	100
90) Hexachloroethane	12.59	117	58299	52.001	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	190759	46.371	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26590	49.284	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131648	48.255	ug/l	99
94) Hexachlorobutadiene	13.78	225	67440	48.723	ug/l	99
95) Naphthalene	13.83	128	384225	48.159	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	131852	47.539	ug/l	99

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

