

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013123.D
 Acq On : 18 Oct 2019 13:10
 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
 10/21/2019 11:02:54 AM

Quant Time: Oct 19 03:32:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	251754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	227098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110991	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	93657	47.51	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	5.48	113	76598	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
50) Toluene-d8	8.71	98	282186	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	114504	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	92980	57.839	ug/l 99
3) Chloromethane	1.32	50	86077	49.200	ug/l 94
4) Vinyl Chloride	1.40	62	87976	48.719	ug/l 100
5) Bromomethane	1.62	94	40706	54.228	ug/l 98
6) Chloroethane	1.71	64	55606	50.409	ug/l 97
7) Trichlorofluoromethane	1.92	101	136165	55.867	ug/l 97
8) Diethyl Ether	2.18	74	49700	50.519	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85267	54.055	ug/l 98
10) Methyl Iodide	2.50	142	99847	55.276	ug/l 99
11) Tert butyl alcohol	3.03	59	110987	212.399	ug/l 98
12) 1,1-Dichloroethene	2.36	96	80782	50.687	ug/l 91
13) Acrolein	2.28	56	96448	259.725	ug/l 99
14) Allyl chloride	2.72	41	135490	47.738	ug/l 96
15) Acrylonitrile	3.13	53	236798	239.129	ug/l 100
16) Acetone	2.43	43	258029	248.343	ug/l 99
17) Carbon Disulfide	2.56	76	220610	48.546	ug/l 99
18) Methyl Acetate	2.76	43	112582	45.714	ug/l 96
19) Methyl tert-butyl Ether	3.18	73	290601	52.801	ug/l 98
20) Methylene Chloride	2.84	84	93415	48.922	ug/l 97
21) trans-1,2-Dichloroethene	3.15	96	89998	52.686	ug/l 100
22) Diisopropyl ether	3.84	45	267214	49.133	ug/l 89
23) Vinyl Acetate	3.80	43	1170184	249.242	ug/l 98
24) 1,1-Dichloroethane	3.69	63	158316	51.744	ug/l 99
25) 2-Butanone	4.65	43	335893	233.020	ug/l 96
26) 2,2-Dichloropropane	4.57	77	140728	54.697	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	102976	52.298	ug/l 98
28) Bromochloromethane	5.00	49	42413	46.352	ug/l 93
29) Tetrahydrofuran	5.11	42	202916	228.758	ug/l 96
30) Chloroform	5.20	83	163331	52.026	ug/l 99
31) Cyclohexane	5.56	56	140469	49.099	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	145217	54.592	ug/l 98
36) 1,1-Dichloropropene	5.79	75	123917	55.984	ug/l 98
37) Ethyl Acetate	4.81	43	124526	50.313	ug/l 99
38) Carbon Tetrachloride	5.77	117	126015	58.491	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	153125	57.045	ug/l	99
40) Benzene	6.13	78	362006	55.374	ug/l	98
41) Methacrylonitrile	5.03	41	69128	50.829	ug/l	99
42) 1,2-Dichloroethane	6.18	62	131559	56.082	ug/l	99
43) Isopropyl Acetate	6.43	43	204159	51.393	ug/l	99
44) Trichloroethene	7.20	130	99999	55.162	ug/l	97
45) 1,2-Dichloropropane	7.50	63	90892	54.551	ug/l	99
46) Dibromomethane	7.65	93	62949	56.706	ug/l	96
47) Bromodichloromethane	7.89	83	127668	58.932	ug/l	98
48) Methyl methacrylate	7.76	41	101091	52.220	ug/l	98
49) 1,4-Dioxane	7.73	88	46335	895.711	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	634462	256.164	ug/l	99
52) Toluene	8.78	92	236716	56.599	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	141743	52.323	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	154812	58.103	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	93130	56.267	ug/l	98
56) Ethyl methacrylate	9.17	69	151269	51.000	ug/l	97
57) 1,3-Dichloropropane	9.37	76	156359	54.612	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	316168	260.028	ug/l	98
59) 2-Hexanone	9.48	43	501440	260.081	ug/l	98
60) Dibromochloromethane	9.57	129	100022	54.144	ug/l	100
61) 1,2-Dibromoethane	9.67	107	99384	57.080	ug/l	99
64) Tetrachloroethene	9.33	164	94047	59.707	ug/l	95
65) Chlorobenzene	10.13	112	253181	56.140	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	92377	59.078	ug/l	100
67) Ethyl Benzene	10.25	91	458401	57.223	ug/l	100
68) m/p-Xylenes	10.36	106	345406	115.418	ug/l	100
69) o-Xylene	10.70	106	166621	57.094	ug/l	100
70) Styrene	10.71	104	291266	58.708	ug/l	100
71) Bromoform	10.85	173	71245	53.266	ug/l #	99
73) Isopropylbenzene	11.01	105	448842	55.003	ug/l	99
74) N-amyl acetate	10.89	43	182751	52.000	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	145560	53.631	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	138875m	56.413	ug/l	
77) Bromobenzene	11.25	156	108440	56.393	ug/l	98
78) n-propylbenzene	11.35	91	511838	57.002	ug/l	98
79) 2-Chlorotoluene	11.42	91	299832	53.131	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	377548	55.409	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47306	49.462	ug/l	98
82) 4-Chlorotoluene	11.51	91	345755	53.454	ug/l	100
83) tert-Butylbenzene	11.76	119	364254	54.801	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	384441	55.709	ug/l	99
85) sec-Butylbenzene	11.94	105	432970	56.225	ug/l	98
86) p-Isopropyltoluene	12.06	119	402381	56.341	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199606	55.898	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201367	55.680	ug/l	97
89) n-Butylbenzene	12.39	91	342542	57.067	ug/l	99
90) Hexachloroethane	12.59	117	68655	51.822	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	191581	54.725	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34335	53.974	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127996	58.366	ug/l	98
94) Hexachlorobutadiene	13.78	225	59580	58.870	ug/l	99
95) Naphthalene	13.83	128	389218	51.200	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	124616	54.989	ug/l	99

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

