

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013146.D
 Acq On : 18 Oct 2019 22:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 11:03:14 AM

Quant Time: Oct 19 05:55:37 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	137707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	224008	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	202172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	89363	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	5.49	113	70091	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
50) Toluene-d8	8.71	98	253391	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.14	95	102058	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	82135	58.514	ug/l	96
3) Chloromethane	1.32	50	76057	49.787	ug/l	98
4) Vinyl Chloride	1.40	62	80237	50.888	ug/l	99
5) Bromomethane	1.63	94	38311	58.451	ug/l	97
6) Chloroethane	1.71	64	48372	50.222	ug/l	99
7) Trichlorofluoromethane	1.92	101	124090	58.309	ug/l	98
8) Diethyl Ether	2.18	74	43146	50.228	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74169	53.850	ug/l	99
10) Methyl Iodide	2.50	142	97854	61.420	ug/l	100
11) Tert butyl alcohol	3.04	59	99727	218.573	ug/l	100
12) 1,1-Dichloroethene	2.36	96	74469	53.513	ug/l	92
13) Acrolein	2.28	56	71153	219.440	ug/l	99
14) Allyl chloride	2.72	41	118485	47.810	ug/l	96
15) Acrylonitrile	3.13	53	211558	244.674	ug/l	99
16) Acetone	2.44	43	181640	200.215	ug/l	100
17) Carbon Disulfide	2.56	76	196549	49.533	ug/l	100
18) Methyl Acetate	2.76	43	119664	55.648	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	262639	54.652	ug/l	98
20) Methylene Chloride	2.84	84	84524	50.695	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	79726	53.452	ug/l	99
22) Diisopropyl ether	3.84	45	236956	49.898	ug/l	94
23) Vinyl Acetate	3.80	43	982447	239.651	ug/l	98
24) 1,1-Dichloroethane	3.69	63	141582	52.996	ug/l	99
25) 2-Butanone	4.66	43	281991	224.043	ug/l	99
26) 2,2-Dichloropropane	4.58	77	108364	48.236	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	91843	53.420	ug/l	97
28) Bromochloromethane	5.01	49	37039	46.359	ug/l	90
29) Tetrahydrofuran	5.12	42	180151	232.594	ug/l	94
30) Chloroform	5.20	83	149322	54.473	ug/l	99
31) Cyclohexane	5.57	56	122384	48.991	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	134505	57.910	ug/l	99
36) 1,1-Dichloropropene	5.79	75	108454	55.067	ug/l	98
37) Ethyl Acetate	4.82	43	107897	48.994	ug/l	98
38) Carbon Tetrachloride	5.78	117	115925	60.472	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	128488	53.795	ug/l	98
40) Benzene	6.14	78	327051	56.224	ug/l	99
41) Methacrylonitrile	5.03	41	60243	49.783	ug/l	97
42) 1,2-Dichloroethane	6.18	62	121356	58.141	ug/l	99
43) Isopropyl Acetate	6.43	43	181162	51.252	ug/l	99
44) Trichloroethene	7.21	130	90041	55.821	ug/l	98
45) 1,2-Dichloropropane	7.51	63	80838	54.527	ug/l	99
46) Dibromomethane	7.65	93	58227	58.949	ug/l	98
47) Bromodichloromethane	7.89	83	115563	59.951	ug/l	100
48) Methyl methacrylate	7.76	41	89804	52.136	ug/l	96
49) 1,4-Dioxane	7.73	88	41640	904.303	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	569418	258.379	ug/l	99
52) Toluene	8.78	92	210500	56.565	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	125027	51.888	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	135596	57.194	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	85452	58.023	ug/l	97
56) Ethyl methacrylate	9.17	69	136679	51.761	ug/l	96
57) 1,3-Dichloropropane	9.37	76	144718	56.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	280786	259.532	ug/l	98
59) 2-Hexanone	9.49	43	434954	253.540	ug/l	98
60) Dibromochloromethane	9.58	129	90528	55.043	ug/l	100
61) 1,2-Dibromoethane	9.67	107	90167	58.201	ug/l	100
64) Tetrachloroethene	9.33	164	84221	60.061	ug/l	97
65) Chlorobenzene	10.14	112	224891	56.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	84330	60.581	ug/l	98
67) Ethyl Benzene	10.24	91	410050	57.499	ug/l	98
68) m/p-Xylenes	10.35	106	307589	115.453	ug/l	100
69) o-Xylene	10.70	106	147729	56.861	ug/l	100
70) Styrene	10.71	104	256859	58.156	ug/l	99
71) Bromoform	10.85	173	64691	54.267	ug/l #	100
73) Isopropylbenzene	11.01	105	401784	55.459	ug/l	100
74) N-amyl acetate	10.89	43	152148	48.763	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	128747	53.431	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	98441m	45.041	ug/l	
77) Bromobenzene	11.25	156	94100	55.120	ug/l	97
78) n-propylbenzene	11.35	91	442793	55.544	ug/l	97
79) 2-Chlorotoluene	11.42	91	275986	55.086	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	336746	55.667	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	37705	44.823	ug/l	98
82) 4-Chlorotoluene	11.51	91	324396	56.490	ug/l	99
83) tert-Butylbenzene	11.76	119	320463	54.306	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	346246	56.515	ug/l	99
85) sec-Butylbenzene	11.94	105	378078	55.302	ug/l	100
86) p-Isopropyltoluene	12.06	119	356887	56.286	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	173372	54.687	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	171098	53.289	ug/l	98
89) n-Butylbenzene	12.38	91	291351	54.673	ug/l	99
90) Hexachloroethane	12.59	117	59333	50.502	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	174228	56.058	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31674	56.083	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	101937	52.358	ug/l	97
94) Hexachlorobutadiene	13.77	225	53113	59.112	ug/l	96
95) Naphthalene	13.83	128	342695	50.777	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	110139	54.743	ug/l	97

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

