

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011524.D
 Acq On : 13 Aug 2019 10:09
 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
 8/14/2019 11:31:12 AM

Quant Time: Aug 14 01:18:32 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	181323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	259082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128542	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	105005	57.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.00%	
35) Dibromofluoromethane	5.49	113	90447	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
50) Toluene-d8	8.71	98	334903	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.13	95	126289	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	61658	44.028	ug/l	100
3) Chloromethane	1.32	50	62226	39.568	ug/l	98
4) Vinyl Chloride	1.40	62	69710	40.298	ug/l	98
5) Bromomethane	1.63	94	52743	42.750	ug/l	100
6) Chloroethane	1.71	64	46260	42.818	ug/l	99
7) Trichlorofluoromethane	1.92	101	131636	42.797	ug/l	98
8) Diethyl Ether	2.18	74	45314	41.258	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79429	47.726	ug/l	98
10) Methyl Iodide	2.50	142	94246	44.917	ug/l	97
11) Tert butyl alcohol	3.04	59	82764	227.299	ug/l	100
12) 1,1-Dichloroethene	2.36	96	72406	43.889	ug/l	90
13) Acrolein	2.29	56	51822	228.974	ug/l	100
14) Allyl chloride	2.71	41	112352	51.085	ug/l	96
15) Acrylonitrile	3.13	53	206459	237.605	ug/l	98
16) Acetone	2.43	43	232027	266.959	ug/l	95
17) Carbon Disulfide	2.56	76	160290	41.404	ug/l	100
18) Methyl Acetate	2.76	43	98950	49.818	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	250222	51.468	ug/l	99
20) Methylene Chloride	2.84	84	83773	44.010	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	78555	45.014	ug/l	90
22) Diisopropyl ether	3.84	45	242675	50.204	ug/l	95
23) Vinyl Acetate	3.81	43	1052306	262.475	ug/l	98
24) 1,1-Dichloroethane	3.68	63	138793	48.694	ug/l	98
25) 2-Butanone	4.66	43	306627	248.007	ug/l	97
26) 2,2-Dichloropropane	4.57	77	122090	55.103	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	93975	46.751	ug/l	96
28) Bromochloromethane	5.00	49	67381	51.855	ug/l	97
29) Tetrahydrofuran	5.12	42	178688	235.712	ug/l	99
30) Chloroform	5.20	83	157315	50.782	ug/l	99
31) Cyclohexane	5.56	56	109583	46.601	ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	138330	52.126	ug/l	98
36) 1,1-Dichloropropene	5.79	75	109247	48.296	ug/l	98
37) Ethyl Acetate	4.82	43	110523	48.710	ug/l	98
38) Carbon Tetrachloride	5.77	117	123134	54.107	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	124021	46.255	ug/l	98
40) Benzene	6.13	78	328188	48.620	ug/l	98
41) Methacrylonitrile	5.03	41	61490	49.622	ug/l	97
42) 1,2-Dichloroethane	6.18	62	124051	54.348	ug/l	96
43) Isopropyl Acetate	6.43	43	183196	50.501	ug/l	100
44) Trichloroethene	7.20	130	96418	47.191	ug/l	94
45) 1,2-Dichloropropane	7.51	63	83906	47.997	ug/l	96
46) Dibromomethane	7.65	93	61582	48.255	ug/l	97
47) Bromodichloromethane	7.89	83	116554	53.944	ug/l	99
48) Methyl methacrylate	7.76	41	90412	52.960	ug/l	97
49) 1,4-Dioxane	7.73	88	41516	838.828	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	594035	253.742	ug/l	100
52) Toluene	8.78	92	219990	49.293	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	127357	50.578	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	137546	54.497	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	93458	50.932	ug/l	99
56) Ethyl methacrylate	9.17	69	137538	52.597	ug/l	97
57) 1,3-Dichloropropane	9.37	76	146525	50.491	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	335217	260.720	ug/l	99
59) 2-Hexanone	9.49	43	460658	254.039	ug/l	98
60) Dibromochloromethane	9.58	129	102459	54.538	ug/l	99
61) 1,2-Dibromoethane	9.66	107	99992	50.438	ug/l	97
64) Tetrachloroethene	9.33	164	98169	47.224	ug/l	94
65) Chlorobenzene	10.13	112	251295	47.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	96656	53.792	ug/l	98
67) Ethyl Benzene	10.25	91	440768	50.145	ug/l	97
68) m/p-Xylenes	10.35	106	335389	98.646	ug/l	97
69) o-Xylene	10.69	106	162179	48.548	ug/l	98
70) Styrene	10.71	104	278215	50.333	ug/l	98
71) Bromoform	10.85	173	75153	46.960	ug/l #	100
73) Isopropylbenzene	11.01	105	451420	51.348	ug/l	99
74) N-amyl acetate	10.90	43	163239	51.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137919	47.076	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	122594m	52.370	ug/l	
77) Bromobenzene	11.25	156	118432	48.581	ug/l	96
78) n-propylbenzene	11.35	91	503954	51.547	ug/l	99
79) 2-Chlorotoluene	11.41	91	297195	51.002	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	376368	51.142	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	40816	46.871	ug/l	98
82) 4-Chlorotoluene	11.51	91	345393	50.860	ug/l	98
83) tert-Butylbenzene	11.77	119	372057	51.547	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380291	51.902	ug/l	99
85) sec-Butylbenzene	11.94	105	443474	51.139	ug/l	100
86) p-Isopropyltoluene	12.06	119	412540	51.710	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	211747	49.159	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	212714	47.891	ug/l	99
89) n-Butylbenzene	12.38	91	357877	52.069	ug/l	99
90) Hexachloroethane	12.59	117	64677	54.835	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	208609	48.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29309	51.636	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	142220	49.550	ug/l	100
94) Hexachlorobutadiene	13.78	225	73001	50.131	ug/l	99
95) Naphthalene	13.83	128	422987	50.394	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	142452	48.819	ug/l	98

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

