

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
 Data File : VX011318.D
 Acq On : 02 Aug 2019 20:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/6/2019 12:11:18 PM

Quant Time: Aug 03 07:19:32 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	152326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	230568	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	117013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	77293	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	5.49	113	72282	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	8.71	98	271541	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.13	95	99437	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	54550	46.367	ug/l	98
3) Chloromethane	1.32	50	60030	45.438	ug/l	99
4) Vinyl Chloride	1.40	62	68928	47.431	ug/l	98
5) Bromomethane	1.63	94	38590	37.233	ug/l	97
6) Chloroethane	1.71	64	47714	53.201	ug/l	97
7) Trichlorofluoromethane	1.92	101	125731	48.658	ug/l	98
8) Diethyl Ether	2.18	74	44477	48.205	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	65611	46.928	ug/l	99
10) Methyl Iodide	2.50	142	58606	33.248	ug/l	99
11) Tert butyl alcohol	3.04	59	79895	261.186	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66427	47.930	ug/l	94
13) Acrolein	2.29	56	39906	209.854	ug/l	98
14) Allyl chloride	2.72	41	94317	51.048	ug/l	99
15) Acrylonitrile	3.14	53	189318	259.353	ug/l	98
16) Acetone	2.43	43	154666	211.826	ug/l	100
17) Carbon Disulfide	2.56	76	158063	48.601	ug/l	99
18) Methyl Acetate	2.76	43	85437	51.202	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	209034	51.181	ug/l	97
20) Methylene Chloride	2.85	84	76667	47.945	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	72262	49.290	ug/l	96
22) Diisopropyl ether	3.85	45	206492	50.851	ug/l	97
23) Vinyl Acetate	3.81	43	908557	269.760	ug/l	98
24) 1,1-Dichloroethane	3.69	63	118903	49.657	ug/l	100
25) 2-Butanone	4.67	43	259693	250.030	ug/l	99
26) 2,2-Dichloropropane	4.58	77	82046	44.079	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	82211	48.684	ug/l	99
28) Bromochloromethane	5.01	49	53554	49.060	ug/l	99
29) Tetrahydrofuran	5.12	42	167185	262.520	ug/l	99
30) Chloroform	5.20	83	129908	49.918	ug/l	98
31) Cyclohexane	5.57	56	95770	48.479	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	111529	50.027	ug/l	99
36) 1,1-Dichloropropene	5.79	75	91674	45.539	ug/l	100
37) Ethyl Acetate	4.82	43	98326	48.694	ug/l	100
38) Carbon Tetrachloride	5.78	117	98653	48.710	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	105265	44.115	ug/l	98
40) Benzene	6.14	78	289013	48.111	ug/l	99
41) Methacrylonitrile	5.04	41	53684	48.681	ug/l	98
42) 1,2-Dichloroethane	6.19	62	98209	48.347	ug/l	100
43) Isopropyl Acetate	6.44	43	158420	49.072	ug/l	100
44) Trichloroethene	7.21	130	83535	45.942	ug/l	98
45) 1,2-Dichloropropane	7.51	63	73365	47.157	ug/l	96
46) Dibromomethane	7.66	93	53640	47.230	ug/l	98
47) Bromodichloromethane	7.90	83	94882	49.344	ug/l	100
48) Methyl methacrylate	7.77	41	76827	50.567	ug/l	98
49) 1,4-Dioxane	7.74	88	41648	945.561	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	544112	261.160	ug/l	99
52) Toluene	8.78	92	191180	48.135	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	100751	45.275	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	111710	49.734	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	80733	49.438	ug/l	99
56) Ethyl methacrylate	9.18	69	118501	50.921	ug/l	99
57) 1,3-Dichloropropane	9.37	76	126565	49.007	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	271464	237.246	ug/l	100
59) 2-Hexanone	9.49	43	427711	265.040	ug/l	98
60) Dibromochloromethane	9.58	129	86808	51.922	ug/l	97
61) 1,2-Dibromoethane	9.67	107	86531	49.045	ug/l	99
64) Tetrachloroethene	9.34	164	83161	45.394	ug/l	98
65) Chlorobenzene	10.13	112	220204	47.608	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	80016	50.531	ug/l	98
67) Ethyl Benzene	10.25	91	375607	48.488	ug/l	100
68) m/p-Xylenes	10.35	106	291674	97.346	ug/l	98
69) o-Xylene	10.69	106	141888	48.197	ug/l	99
70) Styrene	10.71	104	246067	50.515	ug/l	99
71) Bromoform	10.85	173	63424	45.090	ug/l #	99
73) Isopropylbenzene	11.02	105	383672	47.942	ug/l	100
74) N-amyl acetate	10.90	43	150592	52.078	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	130673	48.997	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	108048m	50.704	ug/l	
77) Bromobenzene	11.26	156	104951	47.293	ug/l	98
78) n-propylbenzene	11.36	91	427441	48.029	ug/l	99
79) 2-Chlorotoluene	11.42	91	251753	47.460	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	326954	48.805	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	34575	43.930	ug/l	98
82) 4-Chlorotoluene	11.51	91	297384	48.105	ug/l	98
83) tert-Butylbenzene	11.77	119	317626	48.342	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	326689	48.979	ug/l	98
85) sec-Butylbenzene	11.94	105	380324	48.178	ug/l	100
86) p-Isopropyltoluene	12.06	119	350035	48.199	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187972	47.939	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	186052	46.016	ug/l	99
89) n-Butylbenzene	12.38	91	293466	46.904	ug/l	99
90) Hexachloroethane	12.59	117	52660	49.046	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	187748	47.655	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26080	50.474	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122271	46.797	ug/l	99
94) Hexachlorobutadiene	13.78	225	60813	45.876	ug/l	98
95) Naphthalene	13.83	128	393859	51.547	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126017	47.442	ug/l	99

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

