

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006508.D
 Acq On : 13 Dec 2018 21:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/14/2018 9:35:09 AM

Quant Time: Dec 14 01:21:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	532195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	836498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	777667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	282388	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
35) Dibromofluoromethane	5.50	113	267854	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.71	98	985800	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	377673	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	259942	49.884	ug/l	100
3) Chloromethane	1.32	50	277399	51.803	ug/l	99
4) Vinyl Chloride	1.41	62	296030	51.365	ug/l	99
5) Bromomethane	1.64	94	275391	68.949	ug/l	99
6) Chloroethane	1.71	64	186561	52.795	ug/l	96
7) Trichlorofluoromethane	1.92	101	462406	52.268	ug/l	99
8) Diethyl Ether	2.19	74	179289	53.548	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	270609	53.794	ug/l	97
10) Methyl Iodide	2.51	142	440229	58.070	ug/l	98
11) Tert butyl alcohol	3.08	59	351861	236.822	ug/l	99
12) 1,1-Dichloroethene	2.37	96	253506	52.642	ug/l	93
13) Acrolein	2.30	56	202572	249.453	ug/l	98
14) Allyl chloride	2.73	41	428028	44.995	ug/l	99
15) Acrylonitrile	3.15	53	778741	251.172	ug/l	99
16) Acetone	2.45	43	631939	247.858	ug/l	98
17) Carbon Disulfide	2.57	76	653262	44.023	ug/l	100
18) Methyl Acetate	2.78	43	453826	53.226	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	883427	51.424	ug/l	100
20) Methylene Chloride	2.85	84	288344	53.139	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	272716	53.142	ug/l	92
22) Diisopropyl ether	3.87	45	801296	53.928	ug/l	98
23) Vinyl Acetate	3.82	43	3218559	253.968	ug/l	99
24) 1,1-Dichloroethane	3.70	63	461899	54.387	ug/l	99
25) 2-Butanone	4.70	43	957753	263.269	ug/l	99
26) 2,2-Dichloropropane	4.58	77	349667	44.612	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	315397	55.098	ug/l	97
28) Bromochloromethane	5.02	49	183334	49.422	ug/l	100
29) Tetrahydrofuran	5.15	42	649121	256.737	ug/l	97
30) Chloroform	5.21	83	489040	54.795	ug/l	98
31) Cyclohexane	5.57	56	419575	53.458	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	440678	51.895	ug/l	99
36) 1,1-Dichloropropene	5.80	75	363976	51.671	ug/l	99
37) Ethyl Acetate	4.86	43	376764	47.761	ug/l	98
38) Carbon Tetrachloride	5.78	117	382887	46.204	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	475750	52.031	ug/l	98
40) Benzene	6.14	78	1124005	53.276	ug/l	98
41) Methacrylonitrile	5.06	41	207639	47.835	ug/l	97
42) 1,2-Dichloroethane	6.20	62	372562	53.956	ug/l	100
43) Isopropyl Acetate	6.46	43	621711	47.269	ug/l	99
44) Trichloroethene	7.21	130	331680	51.894	ug/l	96
45) 1,2-Dichloropropane	7.52	63	271355	50.606	ug/l	99
46) Dibromomethane	7.66	93	200771	51.844	ug/l	95
47) Bromodichloromethane	7.90	83	353629	47.154	ug/l	98
48) Methyl methacrylate	7.77	41	311949	48.753	ug/l	96
49) 1,4-Dioxane	7.75	88	160108	1015.261	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1886329	246.365	ug/l	98
52) Toluene	8.79	92	748460	53.923	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	399727	45.576	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	434639	47.724	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	305354	54.151	ug/l	98
56) Ethyl methacrylate	9.18	69	453435	51.436	ug/l	97
57) 1,3-Dichloropropane	9.37	76	480502	53.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1043048	233.166	ug/l	99
59) 2-Hexanone	9.49	43	1420869	242.896	ug/l	98
60) Dibromochloromethane	9.58	129	320346	46.071	ug/l	99
61) 1,2-Dibromoethane	9.67	107	331114	52.515	ug/l	100
64) Tetrachloroethene	9.34	164	301794	51.531	ug/l	99
65) Chlorobenzene	10.14	112	875951	53.062	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	309675	48.281	ug/l	100
67) Ethyl Benzene	10.25	91	1438300	52.385	ug/l	99
68) m/p-Xylenes	10.36	106	1155435	105.057	ug/l	100
69) o-Xylene	10.70	106	566704	52.165	ug/l	99
70) Styrene	10.71	104	918917	52.299	ug/l	99
71) Bromoform	10.86	173	241441	39.877	ug/l	99
73) Isopropylbenzene	11.02	105	1500659	53.849	ug/l	100
74) N-amyl acetate	10.90	43	545461	45.454	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	446551	50.087	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	410959m	52.762	ug/l	
77) Bromobenzene	11.26	156	402075	51.990	ug/l	98
78) n-propylbenzene	11.36	91	1654847	53.421	ug/l	99
79) 2-Chlorotoluene	11.42	91	976888	53.058	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1232149	53.140	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	126917	38.239	ug/l	88
82) 4-Chlorotoluene	11.51	91	1131249	52.846	ug/l	100
83) tert-Butylbenzene	11.77	119	1290596	52.168	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1270969	53.085	ug/l	100
85) sec-Butylbenzene	11.94	105	1506655	53.533	ug/l	100
86) p-Isopropyltoluene	12.06	119	1353127	53.392	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	715350	51.983	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	724478	51.870	ug/l	100
89) n-Butylbenzene	12.39	91	1123029	51.935	ug/l	99
90) Hexachloroethane	12.60	117	222430	43.063	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	711985	52.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	95416	41.750	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	503261	50.508	ug/l	99
94) Hexachlorobutadiene	13.78	225	225002	51.062	ug/l	99
95) Naphthalene	13.83	128	1609025	51.914	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	509919	51.669	ug/l	99

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

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