

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110218\
 Data File : VX005769.D
 Acq On : 02 Nov 2018 20:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/5/2018 3:09:45 PM

Quant Time: Nov 03 03:03:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	126307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	196454	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	87623	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
35) Dibromofluoromethane	5.50	113	68449	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	8.72	98	233669	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.14	95	87110	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76413	52.369	ug/l	97
3) Chloromethane	1.32	50	83698	48.631	ug/l	95
4) Vinyl Chloride	1.40	62	85608	47.810	ug/l	100
5) Bromomethane	1.64	94	80708	36.324	ug/l	96
6) Chloroethane	1.71	64	52932	46.189	ug/l	97
7) Trichlorofluoromethane	1.92	101	108383	47.157	ug/l	97
8) Diethyl Ether	2.19	74	47048	45.541	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	63758	45.669	ug/l	92
10) Methyl Iodide	2.51	142	67996	50.036	ug/l	100
11) Tert butyl alcohol	3.09	59	124903	249.062	ug/l	100
12) 1,1-Dichloroethene	2.37	96	60083	44.166	ug/l	88
13) Acrolein	2.29	56	53423	153.815	ug/l	99
14) Allyl chloride	2.72	41	125088	44.468	ug/l	95
15) Acrylonitrile	3.15	53	273227	247.763	ug/l	99
16) Acetone	2.45	43	238201	250.899	ug/l	99
17) Carbon Disulfide	2.56	76	175112	41.889	ug/l	99
18) Methyl Acetate	2.78	43	132641	50.050	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	222599	47.271	ug/l	99
20) Methylene Chloride	2.85	84	74000	46.470	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	63708	44.257	ug/l	83
22) Diisopropyl ether	3.87	45	246530	47.245	ug/l #	97
23) Vinyl Acetate	3.82	43	1099478	241.907	ug/l	99
24) 1,1-Dichloroethane	3.70	63	138237	46.850	ug/l	98
25) 2-Butanone	4.71	43	377387	242.266	ug/l	98
26) 2,2-Dichloropropane	4.58	77	81808	37.090	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	74076	45.796	ug/l	99
28) Bromochloromethane	5.01	49	67809	47.106	ug/l	93
29) Tetrahydrofuran	5.17	42	241012	253.487	ug/l	94
30) Chloroform	5.22	83	134766	46.716	ug/l	97
31) Cyclohexane	5.57	56	112540	45.611	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	108744	47.101	ug/l	97
36) 1,1-Dichloropropene	5.80	75	97449	46.558	ug/l	98
37) Ethyl Acetate	4.86	43	134409	50.335	ug/l	99
38) Carbon Tetrachloride	5.78	117	91541	48.408	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99942	45.784	ug/l	99
40) Benzene	6.15	78	297051	47.704	ug/l	100
41) Methacrylonitrile	5.07	41	70545	48.893	ug/l	95
42) 1,2-Dichloroethane	6.20	62	111021	48.236	ug/l	98
43) Isopropyl Acetate	6.46	43	191165	49.324	ug/l	97
44) Trichloroethene	7.21	130	67217	46.673	ug/l	92
45) 1,2-Dichloropropane	7.52	63	76420	47.890	ug/l	100
46) Dibromomethane	7.66	93	47459	46.537	ug/l	88
47) Bromodichloromethane	7.90	83	92859	48.544	ug/l	99
48) Methyl methacrylate	7.78	41	94628	50.446	ug/l	95
49) 1,4-Dioxane	7.76	88	43597	1043.724	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	686175	259.647	ug/l	98
52) Toluene	8.79	92	164885	48.955	ug/l	88
53) t-1,3-Dichloropropene	9.04	75	104185	50.257	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	109362	49.239	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	79520	54.365	ug/l	94
56) Ethyl methacrylate	9.18	69	119315	48.151	ug/l	98
57) 1,3-Dichloropropane	9.37	76	139417	55.488	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	337804	239.976	ug/l	96
59) 2-Hexanone	9.50	43	577729	268.630	ug/l	93
60) Dibromochloromethane	9.59	129	76080	53.827	ug/l	100
61) 1,2-Dibromoethane	9.68	107	76821	51.542	ug/l	99
64) Tetrachloroethene	9.34	164	74212	57.523	ug/l #	91
65) Chlorobenzene	10.14	112	180892	48.206	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	65924	51.318	ug/l	98
67) Ethyl Benzene	10.25	91	333096	52.011	ug/l	91
68) m/p-Xylenes	10.36	106	243520	102.330	ug/l	96
69) o-Xylene	10.70	106	115951	50.944	ug/l	97
70) Styrene	10.71	104	199583	52.796	ug/l	99
71) Bromoform	10.86	173	52307	50.255	ug/l	100
73) Isopropylbenzene	11.02	105	320856	51.207	ug/l	99
74) N-amyl acetate	10.90	43	168084	50.385	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	125744	48.371	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	116573m	49.281	ug/l	
77) Bromobenzene	11.26	156	76414	49.161	ug/l	88
78) n-propylbenzene	11.36	91	386158	50.660	ug/l	96
79) 2-Chlorotoluene	11.42	91	227536	49.979	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	273177	51.346	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	34309	46.862	ug/l	97
82) 4-Chlorotoluene	11.51	91	268870	49.469	ug/l	96
83) tert-Butylbenzene	11.77	119	256281	50.486	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	280433	52.199	ug/l	98
85) sec-Butylbenzene	11.94	105	329038	50.530	ug/l	97
86) p-Isopropyltoluene	12.07	119	282123	50.942	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	144358	48.032	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	147820	45.784	ug/l	97
89) n-Butylbenzene	12.39	91	268845	48.114	ug/l	98
90) Hexachloroethane	12.60	117	47268	48.108	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	148553	47.313	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31005	50.852	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99478	49.398	ug/l	99
94) Hexachlorobutadiene	13.79	225	45607	46.814	ug/l	99
95) Naphthalene	13.83	128	362257	54.699	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	103440	50.455	ug/l	99

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

