

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110218\
 Data File : VX005744.D
 Acq On : 02 Nov 2018 09:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/5/2018 3:09:29 PM

Quant Time: Nov 03 00:46:19 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	5.66	168	161413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	243925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	215939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117238	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	114604	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.50	113	86782	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	8.72	98	317555	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
62) 4-Bromofluorobenzene	11.14	95	116484	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97090	52.068	ug/l	93
3) Chloromethane	1.32	50	100258	45.584	ug/l	98
4) Vinyl Chloride	1.41	62	108026	47.208	ug/l	98
5) Bromomethane	1.64	94	110266	38.834	ug/l	96
6) Chloroethane	1.71	64	68000	46.395	ug/l	94
7) Trichlorofluoromethane	1.92	101	141939	48.325	ug/l	94
8) Diethyl Ether	2.19	74	57814	43.791	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84956	47.618	ug/l	93
10) Methyl Iodide	2.51	142	89519	51.489	ug/l	99
11) Tert butyl alcohol	3.07	59	145086	226.386	ug/l	98
12) 1,1-Dichloroethene	2.37	96	82599	47.511	ug/l	87
13) Acrolein	2.29	56	72675	162.950	ug/l	93
14) Allyl chloride	2.72	41	168213	46.793	ug/l	96
15) Acrylonitrile	3.15	53	324456	230.228	ug/l	99
16) Acetone	2.45	43	304622	251.083	ug/l	98
17) Carbon Disulfide	2.57	76	245045	45.869	ug/l	99
18) Methyl Acetate	2.78	43	158533	46.809	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	290921	48.344	ug/l	100
20) Methylene Chloride	2.85	84	91859	45.139	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	82896	45.062	ug/l	92
22) Diisopropyl ether	3.87	45	315785	47.355	ug/l	94
23) Vinyl Acetate	3.82	43	1389851	239.287	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167148	44.328	ug/l	99
25) 2-Butanone	4.70	43	462266	232.213	ug/l	99
26) 2,2-Dichloropropane	4.58	77	134602	47.753	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	92137	44.573	ug/l	94
28) Bromochloromethane	5.02	49	82610	44.906	ug/l	93
29) Tetrahydrofuran	5.15	42	290741	239.283	ug/l	96
30) Chloroform	5.21	83	167080	45.321	ug/l	91
31) Cyclohexane	5.57	56	151608	48.081	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	139082	47.139	ug/l	95
36) 1,1-Dichloropropene	5.79	75	124455	47.889	ug/l	99
37) Ethyl Acetate	4.85	43	159252	48.032	ug/l	98
38) Carbon Tetrachloride	5.77	117	117427	50.012	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	150125	55.389	ug/l	98
40) Benzene	6.14	78	371913	48.103	ug/l #	89
41) Methacrylonitrile	5.06	41	85696	47.835	ug/l	96
42) 1,2-Dichloroethane	6.20	62	138233	48.370	ug/l	100
43) Isopropyl Acetate	6.46	43	242723	50.438	ug/l	97
44) Trichloroethene	7.21	130	87658	49.022	ug/l	90
45) 1,2-Dichloropropane	7.52	63	101219	51.087	ug/l	93
46) Dibromomethane	7.66	93	64063	50.594	ug/l #	85
47) Bromodichloromethane	7.90	83	120439	50.709	ug/l	94
48) Methyl methacrylate	7.78	41	127888	54.908	ug/l	98
49) 1,4-Dioxane	7.76	88	54934	1059.192	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	819251	249.672	ug/l	93
52) Toluene	8.79	92	214809	51.366	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	135704	52.722	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	142333	51.613	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	94225	51.882	ug/l	97
56) Ethyl methacrylate	9.18	69	154006	49.958	ug/l	98
57) 1,3-Dichloropropane	9.37	76	165637	53.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	468249	266.704	ug/l	96
59) 2-Hexanone	9.50	43	700627	262.374	ug/l	99
60) Dibromochloromethane	9.58	129	97323	55.456	ug/l	100
61) 1,2-Dibromoethane	9.67	107	96807	52.311	ug/l	99
64) Tetrachloroethene	9.33	164	87335	55.359	ug/l	92
65) Chlorobenzene	10.14	112	227612	49.603	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	80069	50.971	ug/l	98
67) Ethyl Benzene	10.26	91	413513	52.802	ug/l	99
68) m/p-Xylenes	10.36	106	310825	106.812	ug/l	95
69) o-Xylene	10.70	106	147122	52.860	ug/l	96
70) Styrene	10.71	104	253221	54.778	ug/l	98
71) Bromoform	10.86	173	67181	52.783	ug/l #	98
73) Isopropylbenzene	11.02	105	406611	52.570	ug/l	99
74) N-amyl acetate	10.90	43	208861	50.719	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	154754	48.226	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	140653m	48.170	ug/l	
77) Bromobenzene	11.26	156	95952	50.009	ug/l	87
78) n-propylbenzene	11.36	91	500905	53.235	ug/l	97
79) 2-Chlorotoluene	11.42	91	288506	51.338	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	352701	53.705	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	46434	51.379	ug/l	98
82) 4-Chlorotoluene	11.51	91	348343	51.920	ug/l	97
83) tert-Butylbenzene	11.77	119	331826	52.955	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	364025	54.892	ug/l	97
85) sec-Butylbenzene	11.95	105	426016	53.000	ug/l	97
86) p-Isopropyltoluene	12.07	119	370942	54.261	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	185946	50.121	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	189388	47.519	ug/l	98
89) n-Butylbenzene	12.39	91	371780	53.901	ug/l	98
90) Hexachloroethane	12.60	117	60608	49.971	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	190172	49.066	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36988	49.145	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131534	52.913	ug/l	99
94) Hexachlorobutadiene	13.79	225	62865	52.275	ug/l	98
95) Naphthalene	13.83	128	450216	55.071	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132867	52.502	ug/l	99

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

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