

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006536.D
 Acq On : 15 Dec 2018 01:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:31 PM

Quant Time: Dec 15 05:42:31 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	5.67	168	515916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	816721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	769478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	411270	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	291532	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
35) Dibromofluoromethane	5.51	113	266815	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	8.71	98	952621	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	377085	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	242837	48.072	ug/l	100
3) Chloromethane	1.32	50	259146	49.921	ug/l	100
4) Vinyl Chloride	1.41	62	275711	49.349	ug/l	97
5) Bromomethane	1.64	94	288013	74.384	ug/l	96
6) Chloroethane	1.71	64	178498	52.107	ug/l	100
7) Trichlorofluoromethane	1.93	101	442387	51.583	ug/l	98
8) Diethyl Ether	2.19	74	184522	56.850	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	261346	53.592	ug/l	98
10) Methyl Iodide	2.51	142	427871	58.220	ug/l	98
11) Tert butyl alcohol	3.07	59	367185	254.934	ug/l	99
12) 1,1-Dichloroethene	2.37	96	243207	52.097	ug/l	93
13) Acrolein	2.30	56	224405	285.058	ug/l	99
14) Allyl chloride	2.73	41	417396	45.262	ug/l	99
15) Acrylonitrile	3.15	53	820072	272.849	ug/l	100
16) Acetone	2.45	43	665236	269.150	ug/l	96
17) Carbon Disulfide	2.57	76	616856	42.881	ug/l	99
18) Methyl Acetate	2.78	43	449472	54.379	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	908589	54.558	ug/l	100
20) Methylene Chloride	2.85	84	289676	55.069	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	264708	53.209	ug/l	92
22) Diisopropyl ether	3.87	45	813343	56.466	ug/l	97
23) Vinyl Acetate	3.82	43	3368439	274.181	ug/l	99
24) 1,1-Dichloroethane	3.70	63	448863	54.520	ug/l	100
25) 2-Butanone	4.70	43	1003672	284.597	ug/l	100
26) 2,2-Dichloropropane	4.59	77	300590	39.561	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	316898	57.107	ug/l	95
28) Bromochloromethane	5.02	49	193107	53.699	ug/l	99
29) Tetrahydrofuran	5.15	42	689044	281.126	ug/l	97
30) Chloroform	5.21	83	496955	57.439	ug/l	99
31) Cyclohexane	5.57	56	405164	53.251	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	421880	51.249	ug/l	99
36) 1,1-Dichloropropene	5.80	75	353603	51.414	ug/l	99
37) Ethyl Acetate	4.85	43	401401	52.116	ug/l	99
38) Carbon Tetrachloride	5.78	117	366452	45.292	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	466220	52.223	ug/l	100
40) Benzene	6.14	78	1111949	53.981	ug/l	96
41) Methacrylonitrile	5.06	41	220695	52.074	ug/l	100
42) 1,2-Dichloroethane	6.20	62	385545	57.188	ug/l	100
43) Isopropyl Acetate	6.46	43	638116	49.692	ug/l	99
44) Trichloroethene	7.21	130	323336	51.814	ug/l	95
45) 1,2-Dichloropropane	7.52	63	278199	53.139	ug/l	99
46) Dibromomethane	7.66	93	207394	54.851	ug/l	96
47) Bromodichloromethane	7.90	83	357092	48.769	ug/l	99
48) Methyl methacrylate	7.77	41	325322	52.074	ug/l	97
49) 1,4-Dioxane	7.75	88	168133	1091.966	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2019335	270.123	ug/l	98
52) Toluene	8.79	92	737168	54.395	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	395465	46.182	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	430810	48.450	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	318119	57.781	ug/l	98
56) Ethyl methacrylate	9.18	69	469501	54.548	ug/l	98
57) 1,3-Dichloropropane	9.37	76	498478	57.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1070884	245.185	ug/l	100
59) 2-Hexanone	9.49	43	1510315	264.439	ug/l	98
60) Dibromochloromethane	9.59	129	328762	48.426	ug/l	99
61) 1,2-Dibromoethane	9.67	107	345882	56.185	ug/l	100
64) Tetrachloroethene	9.34	164	312989	54.011	ug/l	98
65) Chlorobenzene	10.14	112	879822	53.863	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	309641	48.790	ug/l	100
67) Ethyl Benzene	10.25	91	1414531	52.068	ug/l	100
68) m/p-Xylenes	10.36	106	1146720	105.374	ug/l	99
69) o-Xylene	10.70	106	568659	52.902	ug/l	100
70) Styrene	10.71	104	924979	53.204	ug/l	99
71) Bromoform	10.86	173	243985	40.726	ug/l	100
73) Isopropylbenzene	11.02	105	1482804	52.208	ug/l	100
74) N-amyl acetate	10.90	43	574478	46.971	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	470963	51.832	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	430634m	54.248	ug/l	
77) Bromobenzene	11.26	156	412022	52.274	ug/l	99
78) n-propylbenzene	11.36	91	1661469	52.626	ug/l	100
79) 2-Chlorotoluene	11.42	91	984929	52.488	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1231773	52.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	125383	37.066	ug/l	86
82) 4-Chlorotoluene	11.51	91	1131649	51.870	ug/l	100
83) tert-Butylbenzene	11.77	119	1262174	50.060	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1281283	52.509	ug/l	100
85) sec-Butylbenzene	11.94	105	1513920	52.780	ug/l	100
86) p-Isopropyltoluene	12.06	119	1353256	52.393	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	735901	52.471	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	733893	51.556	ug/l	99
89) n-Butylbenzene	12.39	91	1138376	51.654	ug/l	100
90) Hexachloroethane	12.60	117	213807	40.615	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	730081	52.451	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	100710	43.238	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	516011	50.814	ug/l	99
94) Hexachlorobutadiene	13.78	225	227609	50.682	ug/l	98
95) Naphthalene	13.83	128	1678652	53.142	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	520595	51.758	ug/l	99

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

