

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001085.D
 Acq On : 24 Apr 2018 18:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:17 AM

Quant Time: Apr 25 07:39:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	229939	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	157773	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.51	113	129058	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.72	98	465515	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	191269	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	159428	51.369	ug/l	98
3) Chloromethane	1.32	50	131936	45.652	ug/l	99
4) Vinyl Chloride	1.40	62	147452	49.228	ug/l	100
5) Bromomethane	1.64	94	81419	46.844	ug/l	98
6) Chloroethane	1.72	64	89525	50.299	ug/l	98
7) Trichlorofluoromethane	1.93	101	231052	51.343	ug/l	99
8) Diethyl Ether	2.19	74	84671	50.942	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128904	48.891	ug/l	99
10) Methyl Iodide	2.51	142	97398	39.343	ug/l	98
11) Tert butyl alcohol	3.09	59	158182	330.643	ug/l	99
12) 1,1-Dichloroethene	2.37	96	120098	49.258	ug/l	97
13) Acrolein	2.30	56	52733	349.269	ug/l	98
14) Allyl chloride	2.73	41	213716	48.434	ug/l	99
15) Acrylonitrile	3.16	53	354238	273.598	ug/l	99
16) Acetone	2.45	43	319323	267.326	ug/l	99
17) Carbon Disulfide	2.57	76	305468	43.960	ug/l	100
18) Methyl Acetate	2.78	43	229752	63.563	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	430627	52.537	ug/l	99
20) Methylene Chloride	2.86	84	135887	54.099	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	129844	47.838	ug/l	99
22) Diisopropyl ether	3.88	45	437904	51.267	ug/l	97
23) Vinyl Acetate	3.83	43	1701068	240.550	ug/l	99
24) 1,1-Dichloroethane	3.70	63	235343	49.121	ug/l	99
25) 2-Butanone	4.72	43	507035	271.914	ug/l	99
26) 2,2-Dichloropropane	4.59	77	111192	26.978	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	147068	48.642	ug/l	94
28) Bromochloromethane	5.03	49	97169	52.738	ug/l	97
29) Tetrahydrofuran	5.18	42	329913	279.983	ug/l	100
30) Chloroform	5.23	83	252581	50.903	ug/l	100
31) Cyclohexane	5.58	56	210677	47.109	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	224278	50.412	ug/l	98
36) 1,1-Dichloropropene	5.81	75	184705	45.875	ug/l	99
37) Ethyl Acetate	4.87	43	195399	52.906	ug/l	99
38) Carbon Tetrachloride	5.79	117	199583	48.955	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	212446	45.331	ug/l	99
40) Benzene	6.15	78	545646	48.746	ug/l	98
41) Methacrylonitrile	5.07	41	117445	50.923	ug/l	99
42) 1,2-Dichloroethane	6.21	62	216029	50.279	ug/l	99
43) Isopropyl Acetate	6.48	43	331372	52.297	ug/l	99
44) Trichloroethene	7.22	130	159728	46.706	ug/l	97
45) 1,2-Dichloropropane	7.52	63	141056	50.115	ug/l	98
46) Dibromomethane	7.67	93	97632	49.645	ug/l	100
47) Bromodichloromethane	7.91	83	186034	51.064	ug/l	98
48) Methyl methacrylate	7.79	41	177371	51.988	ug/l	98
49) 1,4-Dioxane	7.76	88	68074	1356.825	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1088448	282.917	ug/l	100
52) Toluene	8.79	92	359620	49.223	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	201008	46.134	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	191557	46.624	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	148001	50.967	ug/l	99
56) Ethyl methacrylate	9.19	69	222031	52.057	ug/l	97
57) 1,3-Dichloropropane	9.38	76	241698	50.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	545707	262.160	ug/l	99
59) 2-Hexanone	9.51	43	828963	281.504	ug/l	99
60) Dibromochloromethane	9.59	129	159871	52.419	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158019	51.563	ug/l	100
64) Tetrachloroethene	9.34	164	192292	54.320	ug/l	99
65) Chlorobenzene	10.15	112	421530	47.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	155090	50.907	ug/l	99
67) Ethyl Benzene	10.26	91	701762	47.609	ug/l	98
68) m/p-Xylenes	10.37	106	558128	96.071	ug/l	99
69) o-Xylene	10.71	106	271639	48.500	ug/l	98
70) Styrene	10.72	104	451656	48.965	ug/l	99
71) Bromoform	10.87	173	132661	46.946	ug/l	99
73) Isopropylbenzene	11.02	105	737070	49.032	ug/l	99
74) N-amyl acetate	6.48	43	331372	51.531	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	227215	53.393	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	207448m	52.000	ug/l	
77) Bromobenzene	11.26	156	209107	47.921	ug/l	98
78) n-propylbenzene	11.37	91	826520	47.894	ug/l	100
79) 2-Chlorotoluene	11.43	91	500363	49.066	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	630402	49.472	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	47830	37.649	ug/l	95
82) 4-Chlorotoluene	11.52	91	589314	47.827	ug/l	100
83) tert-Butylbenzene	11.77	119	622326	48.411	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	648938	49.486	ug/l	99
85) sec-Butylbenzene	11.95	105	751971	49.006	ug/l	100
86) p-Isopropyltoluene	12.07	119	682941	48.113	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	382167	46.784	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	391284	46.667	ug/l	99
89) n-Butylbenzene	12.40	91	582804	46.147	ug/l	99
90) Hexachloroethane	12.60	117	103937	51.675	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	385472	48.743	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53117	59.583	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	300299	45.236	ug/l	99
94) Hexachlorobutadiene	13.79	225	145382	48.398	ug/l	98
95) Naphthalene	13.84	128	857176	52.501	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	302720	47.147	ug/l	99

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

