

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080318\
 Data File : VX003834.D
 Acq On : 02 Aug 2018 20:15
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 1:35:46 PM

Quant Time: Aug 03 01:48:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	88977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	136416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	135327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83960	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	65529	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	5.51	113	55217	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.72	98	208192	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.14	95	76672	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	36444	37.09	ug/l	100
3) Chloromethane	1.32	50	67756	50.05	ug/l	100
4) Vinyl Chloride	1.40	62	55560	41.79	ug/l	100
5) Bromomethane	1.64	94	25369	39.82	ug/l	100
6) Chloroethane	1.71	64	29632	37.39	ug/l	100
7) Trichlorofluoromethane	1.92	101	66350	39.13	ug/l	100
8) Diethyl Ether	2.19	74	35598	46.55	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37184	36.00	ug/l	100
10) Methyl Iodide	2.51	142	68925	51.29	ug/l	100
11) Tert butyl alcohol	3.09	59	70654	227.95	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42133	41.88	ug/l	100
13) Acrolein	2.29	56	60733	374.48	ug/l	100
14) Allyl chloride	2.72	41	86509	41.54	ug/l	100
15) Acrylonitrile	3.15	53	167184	222.67	ug/l	100
16) Acetone	2.45	43	166021	262.73	ug/l	100
17) Carbon Disulfide	2.56	76	121140	41.87	ug/l	100
18) Methyl Acetate	2.78	43	76535	41.88	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	173473	47.94	ug/l	100
20) Methylene Chloride	2.86	84	56915	46.69	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	50129	45.82	ug/l	100
22) Diisopropyl ether	3.87	45	169908	44.25	ug/l	100
23) Vinyl Acetate	3.82	43	742427	225.39	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94591	43.51	ug/l	100
25) 2-Butanone	4.71	43	293818	294.58	ug/l	100
26) 2,2-Dichloropropane	4.59	77	59926	43.88	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	60969	50.46	ug/l	100
28) Bromochloromethane	5.02	49	48199	53.03	ug/l	100
29) Tetrahydrofuran	5.17	42	152440	246.26	ug/l	100
30) Chloroform	5.22	83	99219	49.34	ug/l	100
31) Cyclohexane	5.57	56	65810	38.79	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	77834	47.29	ug/l	100
36) 1,1-Dichloropropene	5.80	75	66550	42.68	ug/l	100
37) Ethyl Acetate	4.87	43	88517	46.48	ug/l	100
38) Carbon Tetrachloride	5.79	117	64965	43.22	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62001	37.34	ug/l	100
40) Benzene	6.14	78	228579	48.68	ug/l	100
41) Methacrylonitrile	5.07	41	49304	46.77	ug/l	100
42) 1,2-Dichloroethane	6.20	62	78916	47.80	ug/l	100
43) Isopropyl Acetate	6.47	43	136313	49.11	ug/l	100
44) Trichloroethene	7.21	130	58818	46.85	ug/l	100
45) 1,2-Dichloropropane	7.52	63	60880	50.01	ug/l	100
46) Dibromomethane	7.67	93	40144	50.98	ug/l	100
47) Bromodichloromethane	7.90	83	74990	50.99	ug/l	100
48) Methyl methacrylate	7.78	41	70043	49.72	ug/l	100
49) 1,4-Dioxane	7.76	88	32935	1040.86	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	580486	296.93	ug/l	100
52) Toluene	8.79	92	142442	48.80	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	84806	52.07	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	91315	51.09	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	61961	51.47	ug/l	100
56) Ethyl methacrylate	9.18	69	93990	52.74	ug/l	100
57) 1,3-Dichloropropane	9.37	76	101966	50.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	243476	270.46	ug/l	100
59) 2-Hexanone	9.50	43	449612	300.16	ug/l	100
60) Dibromochloromethane	9.59	129	62799	54.72	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65318	51.98	ug/l	100
64) Tetrachloroethene	9.34	164	54868	45.04	ug/l	100
65) Chlorobenzene	10.14	112	164807	48.51	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	60413	50.92	ug/l	100
67) Ethyl Benzene	10.26	91	266673	47.46	ug/l	100
68) m/p-Xylenes	10.36	106	210798	97.59	ug/l	100
69) o-Xylene	10.70	106	104399	49.96	ug/l	100
70) Styrene	10.71	104	180091	51.25	ug/l	100
71) Bromoform	10.86	173	51521	54.49	ug/l	100
73) Isopropylbenzene	11.02	105	261892	46.56	ug/l	100
74) N-amyl acetate	6.47	43	136313	46.23	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	98741	46.88	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	86019m	48.94	ug/l	
77) Bromobenzene	11.26	156	78813	50.43	ug/l	100
78) n-propylbenzene	11.36	91	299421	46.27	ug/l	100
79) 2-Chlorotoluene	11.42	91	187876	47.23	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230874	48.32	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	29054	51.49	ug/l	100
82) 4-Chlorotoluene	11.51	91	221347	47.27	ug/l	100
83) tert-Butylbenzene	11.77	119	221739	47.43	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	243538	49.43	ug/l	100
85) sec-Butylbenzene	11.95	105	247741	44.95	ug/l	100
86) p-Isopropyltoluene	12.07	119	231379	46.54	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	141304	48.82	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	144729	48.06	ug/l	100
89) n-Butylbenzene	12.39	91	191171	43.01	ug/l	100
90) Hexachloroethane	12.60	117	36637	47.88	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	145578	49.10	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22338	50.66	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105597	49.93	ug/l	100
94) Hexachlorobutadiene	13.79	225	40063	41.97	ug/l	100
95) Naphthalene	13.83	128	338497	52.93	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110465	51.33	ug/l	100

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

