

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002412.D
 Acq On : 08 Jun 2018 19:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 9:30:36 AM

Quant Time: Jun 09 03:37:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209532	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	152514	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	5.51	113	119145	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
50) Toluene-d8	8.72	98	454690	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
62) 4-Bromofluorobenzene	11.14	95	176107	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	111526	47.53	ug/l	98
3) Chloromethane	1.32	50	126518	46.88	ug/l	99
4) Vinyl Chloride	1.41	62	145716	49.28	ug/l	98
5) Bromomethane	1.64	94	84833	50.74	ug/l	99
6) Chloroethane	1.72	64	97683	51.07	ug/l	99
7) Trichlorofluoromethane	1.93	101	252759	56.10	ug/l	97
8) Diethyl Ether	2.19	74	90487	56.84	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	139117	57.22	ug/l	99
10) Methyl Iodide	2.51	142	139487	40.79	ug/l	99
11) Tert butyl alcohol	3.09	59	177521	269.94	ug/l	98
12) 1,1-Dichloroethene	2.37	96	124581	51.85	ug/l	96
13) Acrolein	2.30	56	85672	268.03	ug/l	100
14) Allyl chloride	2.73	41	246850	47.34	ug/l	98
15) Acrylonitrile	3.15	53	390047	285.31	ug/l	100
16) Acetone	2.45	43	366818	265.43	ug/l	98
17) Carbon Disulfide	2.57	76	282881	44.67	ug/l	98
18) Methyl Acetate	2.78	43	190873	59.54	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	471932	56.72	ug/l	99
20) Methylene Chloride	2.86	84	142614	56.22	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	133287	50.30	ug/l	99
22) Diisopropyl ether	3.88	45	435694	50.01	ug/l	98
23) Vinyl Acetate	3.83	43	1866087	220.75	ug/l	99
24) 1,1-Dichloroethane	3.70	63	222934	43.26	ug/l	100
25) 2-Butanone	4.71	43	496627	224.40	ug/l	99
26) 2,2-Dichloropropane	4.59	77	160076	39.73	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	131943	45.79	ug/l	94
28) Bromochloromethane	5.02	49	116268	53.28	ug/l	99
29) Tetrahydrofuran	5.17	42	325931	228.42	ug/l	99
30) Chloroform	5.22	83	236397	47.53	ug/l	98
31) Cyclohexane	5.58	56	200739	49.26	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	205008	48.61	ug/l	99
36) 1,1-Dichloropropene	5.80	75	169095	49.02	ug/l	100
37) Ethyl Acetate	4.87	43	196666	47.41	ug/l	100
38) Carbon Tetrachloride	5.79	117	180598	50.04	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203465	47.75	ug/l	98
40) Benzene	6.15	78	508705	48.09	ug/l	98
41) Methacrylonitrile	5.07	41	113486	47.79	ug/l	99
42) 1,2-Dichloroethane	6.20	62	200020	47.60	ug/l	100
43) Isopropyl Acetate	6.47	43	327830	46.52	ug/l	99
44) Trichloroethene	7.22	130	144965	49.38	ug/l	99
45) 1,2-Dichloropropane	7.52	63	136362	47.75	ug/l	98
46) Dibromomethane	7.67	93	91220	47.12	ug/l	99
47) Bromodichloromethane	7.90	83	170699	48.76	ug/l	96
48) Methyl methacrylate	7.78	41	168481	47.60	ug/l	98
49) 1,4-Dioxane	7.76	88	64906	980.74	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1091263	248.68	ug/l	100
52) Toluene	8.79	92	336512	50.02	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	197957	47.15	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	186051	46.97	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	137552	49.71	ug/l	99
56) Ethyl methacrylate	9.19	69	216001	48.90	ug/l	98
57) 1,3-Dichloropropane	9.38	76	227165	48.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	499807	244.46	ug/l	99
59) 2-Hexanone	9.50	43	830688	245.08	ug/l	99
60) Dibromochloromethane	9.59	129	139658	50.18	ug/l	99
61) 1,2-Dibromoethane	9.68	107	146060	50.63	ug/l	100
64) Tetrachloroethene	9.34	164	158801	47.87	ug/l	98
65) Chlorobenzene	10.14	112	389546	48.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	143361	49.46	ug/l	99
67) Ethyl Benzene	10.26	91	669907	50.01	ug/l	99
68) m/p-Xylenes	10.36	106	525536	100.92	ug/l	99
69) o-Xylene	10.70	106	256906	49.58	ug/l	99
70) Styrene	10.71	104	427895	50.51	ug/l	99
71) Bromoform	10.86	173	110575	43.11	ug/l #	98
73) Isopropylbenzene	11.02	105	706195	48.45	ug/l	100
74) N-amyl acetate	6.47	43	327830	41.74	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	208939	45.58	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	206544m	44.92	ug/l	
77) Bromobenzene	11.26	156	190229	46.49	ug/l	97
78) n-propylbenzene	11.37	91	799382	49.34	ug/l	99
79) 2-Chlorotoluene	11.43	91	473050	46.24	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	604302	48.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	52348	39.91	ug/l	95
82) 4-Chlorotoluene	11.51	91	562099	47.60	ug/l	100
83) tert-Butylbenzene	11.77	119	593311	48.73	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	616893	47.93	ug/l	98
85) sec-Butylbenzene	11.95	105	726241	50.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	652081	50.16	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	348778	47.67	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	355996	47.20	ug/l	99
89) n-Butylbenzene	12.39	91	561854	51.53	ug/l	99
90) Hexachloroethane	12.60	117	96247	46.38	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	358380	47.34	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47125	47.01	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	257127	48.44	ug/l	100
94) Hexachlorobutadiene	13.79	225	137045	52.25	ug/l	99
95) Naphthalene	13.84	128	741401	48.61	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	265185	48.99	ug/l	100

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

