

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002866.D
 Acq On : 25 Jun 2018 18:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:29 PM

Quant Time: Jun 27 05:37:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232040	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	185216	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	5.51	113	149127	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.72	98	554368	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.14	95	216548	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	117864	47.38	ug/l	98
3) Chloromethane	1.32	50	121171	46.85	ug/l	100
4) Vinyl Chloride	1.40	62	139941	44.43	ug/l	98
5) Bromomethane	1.64	94	74472	50.69	ug/l	99
6) Chloroethane	1.72	64	90070	48.68	ug/l	98
7) Trichlorofluoromethane	1.93	101	252000	47.43	ug/l	99
8) Diethyl Ether	2.19	74	90909	47.06	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142472	46.28	ug/l	98
10) Methyl Iodide	2.51	142	114738	38.40	ug/l	99
11) Tert butyl alcohol	3.07	59	192084	250.47	ug/l	99
12) 1,1-Dichloroethene	2.37	96	125935	45.85	ug/l	95
13) Acrolein	2.29	56	96918	228.32	ug/l	100
14) Allyl chloride	2.73	41	255697	47.22	ug/l	98
15) Acrylonitrile	3.15	53	400794	244.67	ug/l	100
16) Acetone	2.45	43	393942	247.09	ug/l	99
17) Carbon Disulfide	2.57	76	318280	43.49	ug/l	98
18) Methyl Acetate	2.78	43	231531	51.94	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	470641	47.66	ug/l	98
20) Methylene Chloride	2.85	84	141195	45.51	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	137369	45.91	ug/l	97
22) Diisopropyl ether	3.87	45	494312	47.76	ug/l	96
23) Vinyl Acetate	3.82	43	2110649	240.82	ug/l	100
24) 1,1-Dichloroethane	3.70	63	266068	47.30	ug/l	99
25) 2-Butanone	4.71	43	595409	251.64	ug/l	99
26) 2,2-Dichloropropane	4.59	77	215153	47.03	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	157493	46.95	ug/l	94
28) Bromochloromethane	5.02	49	130699	48.54	ug/l	94
29) Tetrahydrofuran	5.17	42	377554	248.83	ug/l	98
30) Chloroform	5.22	83	272515	47.20	ug/l	98
31) Cyclohexane	5.57	56	229611	47.56	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	243755	47.99	ug/l	99
36) 1,1-Dichloropropene	5.80	75	198962	48.46	ug/l	99
37) Ethyl Acetate	4.86	43	223234	50.50	ug/l	99
38) Carbon Tetrachloride	5.78	117	221278	49.11	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	239793	50.14	ug/l	98
40) Benzene	6.15	78	583351	48.90	ug/l	100
41) Methacrylonitrile	5.07	41	128463	50.46	ug/l	99
42) 1,2-Dichloroethane	6.20	62	230313	47.79	ug/l	100
43) Isopropyl Acetate	6.47	43	370445	49.96	ug/l	99
44) Trichloroethene	7.21	130	174781	49.14	ug/l	98
45) 1,2-Dichloropropane	7.52	63	153728	48.58	ug/l	100
46) Dibromomethane	7.67	93	105821	48.19	ug/l	97
47) Bromodichloromethane	7.90	83	205040	50.50	ug/l	98
48) Methyl methacrylate	7.78	41	195671	51.22	ug/l	98
49) 1,4-Dioxane	7.76	88	75899	1021.19	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1221530	263.33	ug/l	99
52) Toluene	8.79	92	382854	50.10	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	241708	52.57	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	227003	51.31	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	156043	49.69	ug/l	99
56) Ethyl methacrylate	9.18	69	235642	51.34	ug/l	98
57) 1,3-Dichloropropane	9.37	76	255598	49.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	572516	258.56	ug/l	98
59) 2-Hexanone	9.50	43	937831	266.02	ug/l	97
60) Dibromochloromethane	9.59	129	170634	51.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	166723	50.61	ug/l	100
64) Tetrachloroethene	9.34	164	195480	48.86	ug/l	97
65) Chlorobenzene	10.14	112	443467	48.53	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	165758	49.93	ug/l	99
67) Ethyl Benzene	10.26	91	766327	50.76	ug/l	99
68) m/p-Xylenes	10.36	106	593325	101.98	ug/l	99
69) o-Xylene	10.70	106	286906	50.64	ug/l	99
70) Styrene	10.71	104	475290	51.63	ug/l	99
71) Bromoform	10.86	173	136938	45.99	ug/l	99
73) Isopropylbenzene	11.02	105	792660	50.78	ug/l	100
74) N-amyl acetate	6.47	43	370445	48.50	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	232257	48.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	212796m	50.63	ug/l	
77) Bromobenzene	11.26	156	215945	48.58	ug/l	98
78) n-propylbenzene	11.37	91	916727	51.59	ug/l	100
79) 2-Chlorotoluene	11.43	91	532033	49.46	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	674351	51.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	67364	46.74	ug/l	98
82) 4-Chlorotoluene	11.51	91	639201	50.19	ug/l	99
83) tert-Butylbenzene	11.77	119	662291	51.11	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	691322	50.75	ug/l	100
85) sec-Butylbenzene	11.95	105	811752	51.64	ug/l	100
86) p-Isopropyltoluene	12.07	119	738088	52.23	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	402600	49.59	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	405740	48.56	ug/l	99
89) n-Butylbenzene	12.39	91	644037	52.36	ug/l	99
90) Hexachloroethane	12.60	117	111691	53.14	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	401422	48.99	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55294	51.15	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	309241	51.85	ug/l	99
94) Hexachlorobutadiene	13.79	225	157217	52.86	ug/l	99
95) Naphthalene	13.84	128	838063	52.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306219	51.41	ug/l	99

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

