

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111718\
 Data File : VX006061.D
 Acq On : 17 Nov 2018 11:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 9:24:33 AM

Quant Time: Nov 19 00:22:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	114395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	157862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	138805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	79498	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65696	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	5.50	113	54773	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	195276	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	11.14	95	71880	56.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	42696	41.40	ug/l	100
3) Chloromethane	1.32	50	54607	40.34	ug/l	100
4) Vinyl Chloride	1.40	62	57660	42.43	ug/l	100
5) Bromomethane	1.64	94	36313	43.67	ug/l	100
6) Chloroethane	1.71	64	38440	47.41	ug/l	98
7) Trichlorofluoromethane	1.92	101	84516	46.86	ug/l	97
8) Diethyl Ether	2.19	74	35310	49.96	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51292	49.44	ug/l	99
10) Methyl Iodide	2.51	142	51942	41.31	ug/l	98
11) Tert butyl alcohol	3.07	59	83545	221.76	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46694	46.18	ug/l	96
13) Acrolein	2.29	56	42120	235.67	ug/l	100
14) Allyl chloride	2.72	41	107567	47.63	ug/l	99
15) Acrylonitrile	3.15	53	191405	245.16	ug/l	100
16) Acetone	2.45	43	186961	264.03	ug/l	99
17) Carbon Disulfide	2.57	76	123114	40.82	ug/l	100
18) Methyl Acetate	2.78	43	100901	53.27	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	179857	52.12	ug/l	98
20) Methylene Chloride	2.85	84	54620	46.96	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	50386	47.24	ug/l	95
22) Diisopropyl ether	3.87	45	189826	47.98	ug/l	# 97
23) Vinyl Acetate	3.82	43	808798	238.45	ug/l	99
24) 1,1-Dichloroethane	3.69	63	99159	46.98	ug/l	100
25) 2-Butanone	4.70	43	268100	240.83	ug/l	100
26) 2,2-Dichloropropane	4.58	77	80927	52.27	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	56275	47.79	ug/l	100
28) Bromochloromethane	5.02	49	48594	51.52	ug/l	97
29) Tetrahydrofuran	5.15	42	167421	234.23	ug/l	99
30) Chloroform	5.21	83	98462	48.35	ug/l	98
31) Cyclohexane	5.57	56	82618	45.10	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	84980	50.03	ug/l	99
36) 1,1-Dichloropropene	5.79	75	71682	47.10	ug/l	97
37) Ethyl Acetate	4.85	43	94865	47.40	ug/l	100
38) Carbon Tetrachloride	5.77	117	73827	48.46	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79557	51.58	ug/l	99
40) Benzene	6.14	78	214221	48.29	ug/l	99
41) Methacrylonitrile	5.06	41	53830	49.78	ug/l	99
42) 1,2-Dichloroethane	6.20	62	80233	50.49	ug/l	100
43) Isopropyl Acetate	6.46	43	140690	48.52	ug/l	97
44) Trichloroethene	7.21	130	57894	51.39	ug/l	100
45) 1,2-Dichloropropane	7.51	63	59875	55.60	ug/l	100
46) Dibromomethane	7.66	93	37405	55.36	ug/l	99
47) Bromodichloromethane	7.90	83	75415	59.06	ug/l	97
48) Methyl methacrylate	7.77	41	74411	57.15	ug/l	99
49) 1,4-Dioxane	7.75	88	29291	1043.95	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	501176	274.23	ug/l	99
52) Toluene	8.79	92	127753	51.52	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	78907	52.36	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	90855	59.15	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	54464	49.29	ug/l	98
56) Ethyl methacrylate	9.18	69	84316	50.99	ug/l	98
57) 1,3-Dichloropropane	9.37	76	90331	48.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	246690	273.02	ug/l	99
59) 2-Hexanone	9.49	43	390266	242.26	ug/l	98
60) Dibromochloromethane	9.59	129	58414	48.91	ug/l	99
61) 1,2-Dibromoethane	9.67	107	56321	46.09	ug/l	99
64) Tetrachloroethene	9.34	164	57840	48.94	ug/l	99
65) Chlorobenzene	10.14	112	144860	52.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54483	56.36	ug/l	99
67) Ethyl Benzene	10.25	91	249243	55.90	ug/l	99
68) m/p-Xylenes	10.36	106	192696	113.30	ug/l	99
69) o-Xylene	10.70	106	91383	59.92	ug/l	100
70) Styrene	10.71	104	157542	62.62	ug/l	99
71) Bromoform	10.86	173	49008	60.47	ug/l #	99
73) Isopropylbenzene	11.02	105	258295	56.18	ug/l	100
74) N-amyl acetate	10.90	43	123945	48.10	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	88855	52.66	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	86288m	53.31	ug/l	
77) Bromobenzene	11.26	156	68170	52.61	ug/l	99
78) n-propylbenzene	11.36	91	302093	55.76	ug/l	100
79) 2-Chlorotoluene	11.42	91	178388	54.47	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	219805	56.26	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	29160	57.41	ug/l	95
82) 4-Chlorotoluene	11.51	91	211488	54.80	ug/l	99
83) tert-Butylbenzene	11.77	119	219355	55.50	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	229178	53.16	ug/l	100
85) sec-Butylbenzene	11.94	105	268192	55.49	ug/l	100
86) p-Isopropyltoluene	12.07	119	244991	57.23	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	130817	52.60	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	132353	51.99	ug/l	100
89) n-Butylbenzene	12.39	91	218860	55.16	ug/l	100
90) Hexachloroethane	12.60	117	40168	56.20	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	129876	52.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21154	51.37	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	101060	57.62	ug/l	100
94) Hexachlorobutadiene	13.79	225	50571	54.89	ug/l	98
95) Naphthalene	13.83	128	294950	51.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99572	55.73	ug/l	99

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

