

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111718\
 Data File : VX006077.D
 Acq On : 17 Nov 2018 19:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 9:25:18 AM

Quant Time: Nov 19 02:38:30 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	120584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	183018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	139890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104635	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	70235	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
35) Dibromofluoromethane	5.51	113	53382	42.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.76%	
50) Toluene-d8	8.71	98	191204	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
62) 4-Bromofluorobenzene	11.14	95	72790	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	44251	40.70	ug/l	97
3) Chloromethane	1.32	50	53754	37.67	ug/l	99
4) Vinyl Chloride	1.41	62	54634	38.14	ug/l	90
5) Bromomethane	1.64	94	31632	36.09	ug/l	91
6) Chloroethane	1.71	64	36782	43.04	ug/l	97
7) Trichlorofluoromethane	1.92	101	81623	42.93	ug/l	94
8) Diethyl Ether	2.18	74	36717	49.28	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48797	44.62	ug/l	98
10) Methyl Iodide	2.51	142	61317	46.27	ug/l	98
11) Tert butyl alcohol	3.07	59	92392	232.66	ug/l	100
12) 1,1-Dichloroethene	2.37	96	46369	43.51	ug/l	98
13) Acrolein	2.29	56	50422	265.04	ug/l	100
14) Allyl chloride	2.73	41	107674	45.23	ug/l	99
15) Acrylonitrile	3.15	53	197785	240.33	ug/l	98
16) Acetone	2.45	43	171543	229.83	ug/l	96
17) Carbon Disulfide	2.57	76	116863	36.76	ug/l	99
18) Methyl Acetate	2.78	43	105669	52.91	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	185339	50.95	ug/l	100
20) Methylene Chloride	2.86	84	57857	47.19	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	49212	43.78	ug/l	90
22) Diisopropyl ether	3.88	45	194032	46.53	ug/l	# 86
23) Vinyl Acetate	3.82	43	826264	231.10	ug/l	98
24) 1,1-Dichloroethane	3.70	63	103027	46.31	ug/l	100
25) 2-Butanone	4.70	43	277210	236.23	ug/l	98
26) 2,2-Dichloropropane	4.59	77	70126	42.97	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	60006	48.34	ug/l	98
28) Bromochloromethane	5.02	49	49015	49.30	ug/l	94
29) Tetrahydrofuran	5.15	42	179099	237.70	ug/l	99
30) Chloroform	5.21	83	101031	47.07	ug/l	89
31) Cyclohexane	5.57	56	83527	43.25	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	83825	46.82	ug/l	99
36) 1,1-Dichloropropene	5.80	75	73862	41.86	ug/l	98
37) Ethyl Acetate	4.85	43	102862	44.33	ug/l	99
38) Carbon Tetrachloride	5.78	117	72486	41.04	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81414	45.53	ug/l	92
40) Benzene	6.14	78	232559	45.21	ug/l	99
41) Methacrylonitrile	5.06	41	56482	45.05	ug/l	99
42) 1,2-Dichloroethane	6.20	62	84977	46.13	ug/l	99
43) Isopropyl Acetate	6.46	43	165015	49.08	ug/l	98
44) Trichloroethene	7.21	130	61568	47.14	ug/l	89
45) 1,2-Dichloropropane	7.51	63	61652	49.38	ug/l	95
46) Dibromomethane	7.66	93	35446	45.25	ug/l	99
47) Bromodichloromethane	7.90	83	69044	46.64	ug/l	99
48) Methyl methacrylate	7.77	41	71035	47.06	ug/l	98
49) 1,4-Dioxane	7.75	88	29415	904.27	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	484152	228.50	ug/l	98
52) Toluene	8.79	92	124109	43.17	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	77240	44.21	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	81946	46.02	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	57474	44.86	ug/l	91
56) Ethyl methacrylate	9.18	69	90680	47.31	ug/l	98
57) 1,3-Dichloropropane	9.37	76	98819	45.90	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	240313	230.73	ug/l	100
59) 2-Hexanone	9.49	43	426052	228.12	ug/l	99
60) Dibromochloromethane	9.58	129	62815	45.37	ug/l	96
61) 1,2-Dibromoethane	9.67	107	61225	43.22	ug/l	98
64) Tetrachloroethene	9.34	164	65034	54.60	ug/l	90
65) Chlorobenzene	10.14	112	143776	51.30	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	52378	53.76	ug/l	98
67) Ethyl Benzene	10.25	91	244315	54.37	ug/l	100
68) m/p-Xylenes	10.36	106	187511	109.39	ug/l	99
69) o-Xylene	10.70	106	91364	59.44	ug/l	100
70) Styrene	10.71	104	155895	61.48	ug/l	100
71) Bromoform	10.86	173	45820	56.10	ug/l #	99
73) Isopropylbenzene	11.02	105	252087	41.66	ug/l	100
74) N-amyl acetate	10.90	43	129476	38.43	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90077	40.56	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86984m	40.83	ug/l	
77) Bromobenzene	11.26	156	67597	39.63	ug/l	99
78) n-propylbenzene	11.36	91	319641	44.82	ug/l	95
79) 2-Chlorotoluene	11.42	91	179678	41.69	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	225823	43.92	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	26844	40.16	ug/l	96
82) 4-Chlorotoluene	11.51	91	221365	43.58	ug/l	99
83) tert-Butylbenzene	11.77	119	278673	53.57	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	286840	50.55	ug/l	100
85) sec-Butylbenzene	11.94	105	340556	53.54	ug/l	100
86) p-Isopropyltoluene	12.07	119	302944	53.76	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	165372	50.52	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	165060	49.26	ug/l	99
89) n-Butylbenzene	12.39	91	267109	51.15	ug/l	99
90) Hexachloroethane	12.60	117	47775	50.78	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	165613	50.51	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27363	50.49	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128224	55.55	ug/l	99
94) Hexachlorobutadiene	13.78	225	57514	47.43	ug/l	99
95) Naphthalene	13.83	128	406380	53.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131834	56.06	ug/l	98

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

