

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004719.D
 Acq On : 19 Sep 2018 21:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/20/2018 1:42:37 PM

Quant Time: Sep 20 05:17:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177116	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	119725	43.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.58%	
35) Dibromofluoromethane	5.51	113	109897	39.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.42%	
50) Toluene-d8	8.72	98	411748	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
62) 4-Bromofluorobenzene	11.14	95	153280	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	104499	51.98	ug/l	98
3) Chloromethane	1.32	50	140511	50.79	ug/l	96
4) Vinyl Chloride	1.40	62	155307	54.70	ug/l	98
5) Bromomethane	1.64	94	66441	56.03	ug/l	98
6) Chloroethane	1.71	64	95111	51.80	ug/l	95
7) Trichlorofluoromethane	1.92	101	201318	53.48	ug/l	97
8) Diethyl Ether	2.19	74	91753	54.37	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	125142	52.41	ug/l	97
10) Methyl Iodide	2.51	142	140114	49.16	ug/l	97
11) Tert butyl alcohol	3.08	59	188092	285.01	ug/l	99
12) 1,1-Dichloroethene	2.37	96	124635	55.61	ug/l	90
13) Acrolein	2.29	56	51744	198.63	ug/l	95
14) Allyl chloride	2.72	41	241606	52.44	ug/l	95
15) Acrylonitrile	3.15	53	440310	277.06	ug/l	99
16) Acetone	2.45	43	330023	244.48	ug/l	94
17) Carbon Disulfide	2.56	76	313179	48.34	ug/l	99
18) Methyl Acetate	2.78	43	228143	60.24	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	441382	56.13	ug/l	96
20) Methylene Chloride	2.85	84	144426	52.16	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	130825	52.82	ug/l	97
22) Diisopropyl ether	3.87	45	456415	55.00	ug/l	96
23) Vinyl Acetate	3.82	43	1772276	263.90	ug/l	99
24) 1,1-Dichloroethane	3.70	63	245307	52.36	ug/l	99
25) 2-Butanone	4.70	43	528991	246.23	ug/l	94
26) 2,2-Dichloropropane	4.58	77	150769	46.85	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	147829	53.47	ug/l	100
28) Bromochloromethane	5.01	49	97000	45.26	ug/l	98
29) Tetrahydrofuran	5.15	42	346989	267.82	ug/l	100
30) Chloroform	5.21	83	245932	53.76	ug/l	94
31) Cyclohexane	5.57	56	204371	51.08	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	204235	55.44	ug/l	98
36) 1,1-Dichloropropene	5.80	75	168008	45.76	ug/l	98
37) Ethyl Acetate	4.86	43	203302	48.69	ug/l	99
38) Carbon Tetrachloride	5.78	117	170075	47.43	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201538	52.60	ug/l	98
40) Benzene	6.14	78	523835	48.09	ug/l	100
41) Methacrylonitrile	5.06	41	111708	48.55	ug/l	97
42) 1,2-Dichloroethane	6.20	62	174230	48.22	ug/l	99
43) Isopropyl Acetate	6.46	43	293368	52.90	ug/l	99
44) Trichloroethene	7.21	130	156901	55.44	ug/l	98
45) 1,2-Dichloropropane	7.52	63	139438	53.20	ug/l	100
46) Dibromomethane	7.66	93	89128	53.82	ug/l	98
47) Bromodichloromethane	7.90	83	169803	54.22	ug/l	99
48) Methyl methacrylate	7.77	41	148406	54.07	ug/l	97
49) 1,4-Dioxane	7.76	88	75103	1156.07	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	973936	248.84	ug/l	99
52) Toluene	8.79	92	332880	51.87	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	186397	50.95	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	206234	55.30	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	138776	50.22	ug/l	97
56) Ethyl methacrylate	9.18	69	209245	53.52	ug/l	96
57) 1,3-Dichloropropane	9.37	76	226085	50.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	482476	242.45	ug/l	98
59) 2-Hexanone	9.50	43	741175	246.88	ug/l	100
60) Dibromochloromethane	9.59	129	142389	54.73	ug/l	100
61) 1,2-Dibromoethane	9.68	107	141992	53.79	ug/l	100
64) Tetrachloroethene	9.34	164	191452	53.54	ug/l	97
65) Chlorobenzene	10.14	112	384172	54.00	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	138088	56.28	ug/l	99
67) Ethyl Benzene	10.26	91	639463	55.27	ug/l	100
68) m/p-Xylenes	10.36	106	505114	113.35	ug/l	99
69) o-Xylene	10.70	106	246200	57.47	ug/l	99
70) Styrene	10.71	104	415766	58.58	ug/l	99
71) Bromoform	10.86	173	114872	57.02	ug/l	99
73) Isopropylbenzene	11.02	105	661771	56.73	ug/l	100
74) N-amyl acetate	10.90	43	264912	53.96	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	188955	50.22	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	189990m	53.32	ug/l	
77) Bromobenzene	11.26	156	180445	55.97	ug/l	97
78) n-propylbenzene	11.36	91	751693	56.05	ug/l	99
79) 2-Chlorotoluene	11.42	91	442149	54.36	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	557906	56.89	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	60105	53.76	ug/l	94
82) 4-Chlorotoluene	11.51	91	518748	54.64	ug/l	99
83) tert-Butylbenzene	11.77	119	527988	56.56	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	571917	57.12	ug/l	99
85) sec-Butylbenzene	11.95	105	678769	57.06	ug/l	100
86) p-Isopropyltoluene	12.07	119	608593	57.93	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	329191	54.72	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	331749	53.37	ug/l	100
89) n-Butylbenzene	12.39	91	521800	54.51	ug/l	98
90) Hexachloroethane	12.60	117	95099	56.55	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	335875	55.16	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45345	56.44	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	250594	58.13	ug/l	98
94) Hexachlorobutadiene	13.79	225	123598	54.88	ug/l	98
95) Naphthalene	13.83	128	731376	60.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	255542	57.70	ug/l	98

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

