

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004093.D
 Acq On : 16 Aug 2018 00:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:40:03 PM

Quant Time: Aug 16 07:26:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	295107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	432090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	422651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254693	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	213950	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	5.50	113	177980	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
50) Toluene-d8	8.72	98	692158	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	11.14	95	255825	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	144057	50.15	ug/l	100
3) Chloromethane	1.32	50	173169	49.12	ug/l	100
4) Vinyl Chloride	1.40	62	192550	50.48	ug/l	99
5) Bromomethane	1.64	94	103460	53.54	ug/l	100
6) Chloroethane	1.72	64	131426	52.47	ug/l	98
7) Trichlorofluoromethane	1.93	101	264489	49.43	ug/l	98
8) Diethyl Ether	2.18	74	116352	49.81	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	161711	48.45	ug/l	100
10) Methyl Iodide	2.51	142	175318	49.26	ug/l	99
11) Tert butyl alcohol	3.05	59	225854	269.74	ug/l	100
12) 1,1-Dichloroethene	2.37	96	154686	49.83	ug/l	98
13) Acrolein	2.29	56	118359	210.17	ug/l	99
14) Allyl chloride	2.73	41	284326	48.13	ug/l	98
15) Acrylonitrile	3.14	53	576984	276.38	ug/l	100
16) Acetone	2.44	43	564354	261.06	ug/l	100
17) Carbon Disulfide	2.57	76	422240	47.95	ug/l	98
18) Methyl Acetate	2.77	43	258327	53.77	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	570054	52.12	ug/l	100
20) Methylene Chloride	2.85	84	183435	51.94	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	175233	49.70	ug/l	99
22) Diisopropyl ether	3.87	45	610184	52.72	ug/l	98
23) Vinyl Acetate	3.82	43	2585755	271.98	ug/l	100
24) 1,1-Dichloroethane	3.70	63	338765	51.67	ug/l	100
25) 2-Butanone	4.70	43	928501	263.98	ug/l	98
26) 2,2-Dichloropropane	4.58	77	175412	33.65	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	198413	50.04	ug/l	96
28) Bromochloromethane	5.02	49	154719	51.44	ug/l	99
29) Tetrahydrofuran	5.16	42	472235	262.78	ug/l	99
30) Chloroform	5.21	83	332001	51.89	ug/l	99
31) Cyclohexane	5.57	56	278845	48.52	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	278104	52.01	ug/l	98
36) 1,1-Dichloropropene	5.80	75	246190	50.07	ug/l	99
37) Ethyl Acetate	4.85	43	277146	51.76	ug/l	100
38) Carbon Tetrachloride	5.78	117	244786	51.24	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	282032	50.56	ug/l	99
40) Benzene	6.15	78	756939	51.27	ug/l	100
41) Methacrylonitrile	5.06	41	151549	50.54	ug/l	100
42) 1,2-Dichloroethane	6.20	62	262827	50.86	ug/l	100
43) Isopropyl Acetate	6.46	43	410623	52.03	ug/l	100
44) Trichloroethene	7.21	130	199381	49.74	ug/l	96
45) 1,2-Dichloropropane	7.52	63	195546	51.74	ug/l	99
46) Dibromomethane	7.67	93	128232	51.92	ug/l	99
47) Bromodichloromethane	7.90	83	248049	53.02	ug/l	100
48) Methyl methacrylate	7.78	41	220439	55.49	ug/l	98
49) 1,4-Dioxane	7.76	88	99153	1108.50	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1834618	283.50	ug/l	100
52) Toluene	8.79	92	486029	52.05	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	259871	51.42	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	285894	51.08	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	200172	51.91	ug/l	97
56) Ethyl methacrylate	9.18	69	294414	56.15	ug/l	100
57) 1,3-Dichloropropane	9.37	76	334119	52.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	769760	288.30	ug/l	99
59) 2-Hexanone	9.50	43	1407033	288.90	ug/l	100
60) Dibromochloromethane	9.59	129	200179	53.95	ug/l	99
61) 1,2-Dibromoethane	9.68	107	207429	52.77	ug/l	99
64) Tetrachloroethene	9.34	164	204059	50.94	ug/l	95
65) Chlorobenzene	10.14	112	537001	49.19	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	192570	51.72	ug/l	99
67) Ethyl Benzene	10.26	91	908619	52.56	ug/l	99
68) m/p-Xylenes	10.36	106	725767	107.20	ug/l	96
69) o-Xylene	10.70	106	346473	53.55	ug/l	95
70) Styrene	10.71	104	588993	54.09	ug/l	98
71) Bromoform	10.86	173	155510	52.67	ug/l	98
73) Isopropylbenzene	11.02	105	936009	54.31	ug/l	97
74) N-amyl acetate	6.46	43	410623	50.65	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	313658	52.11	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	279562m	54.73	ug/l	
77) Bromobenzene	11.26	156	245964	51.77	ug/l	99
78) n-propylbenzene	11.36	91	1057278	54.81	ug/l	100
79) 2-Chlorotoluene	11.42	91	634350	53.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	766804	54.33	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	81846	49.60	ug/l	99
82) 4-Chlorotoluene	11.51	91	744432	53.58	ug/l	99
83) tert-Butylbenzene	11.77	119	741789	52.13	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	800531	54.77	ug/l	99
85) sec-Butylbenzene	11.94	105	893743	53.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	797371	52.89	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	445960	49.21	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	441430	47.33	ug/l	98
89) n-Butylbenzene	12.39	91	621410	52.31	ug/l	98
90) Hexachloroethane	12.60	117	115418	51.16	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	418132	51.16	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56026	52.96	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	285677	51.14	ug/l	98
94) Hexachlorobutadiene	13.79	225	129784	46.35	ug/l	98
95) Naphthalene	13.83	128	934336	52.41	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	328023	53.85	ug/l	99

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

