

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004302.D
 Acq On : 29 Aug 2018 19:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 1:38:37 PM

Quant Time: Aug 30 06:35:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	300999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	431535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247505	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	193034	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
35) Dibromofluoromethane	5.50	113	168207	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
50) Toluene-d8	8.72	98	622731	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	11.14	95	235987	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	171039	49.06	ug/l	97
3) Chloromethane	1.32	50	183824	47.72	ug/l	99
4) Vinyl Chloride	1.40	62	191832	48.64	ug/l	100
5) Bromomethane	1.63	94	90801	46.57	ug/l	99
6) Chloroethane	1.71	64	126053	44.81	ug/l	99
7) Trichlorofluoromethane	1.92	101	264025	48.85	ug/l	95
8) Diethyl Ether	2.18	74	117308	50.69	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	163819	48.39	ug/l	100
10) Methyl Iodide	2.51	142	175951	46.40	ug/l	99
11) Tert butyl alcohol	3.08	59	225229	269.33	ug/l	100
12) 1,1-Dichloroethene	2.37	96	153423	48.11	ug/l	99
13) Acrolein	2.29	56	50505	250.50	ug/l	98
14) Allyl chloride	2.72	41	293805	50.15	ug/l	97
15) Acrylonitrile	3.15	53	532403	257.07	ug/l	99
16) Acetone	2.45	43	435212	272.48	ug/l	99
17) Carbon Disulfide	2.56	76	397182	44.93	ug/l	100
18) Methyl Acetate	2.78	43	365769	62.83	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	533785	50.80	ug/l	98
20) Methylene Chloride	2.85	84	182912	48.43	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	166326	47.13	ug/l	96
22) Diisopropyl ether	3.87	45	540627	49.42	ug/l	99
23) Vinyl Acetate	3.82	43	2132639	240.55	ug/l	99
24) 1,1-Dichloroethane	3.69	63	324033	50.83	ug/l	99
25) 2-Butanone	4.71	43	697103	265.36	ug/l	100
26) 2,2-Dichloropropane	4.58	77	210832	42.17	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	193637	48.37	ug/l	98
28) Bromochloromethane	5.02	49	146902	52.05	ug/l	99
29) Tetrahydrofuran	5.16	42	441679	262.04	ug/l	100
30) Chloroform	5.21	83	320946	50.21	ug/l	99
31) Cyclohexane	5.57	56	264122	48.02	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	268340	50.35	ug/l	99
36) 1,1-Dichloropropene	5.79	75	236453	48.74	ug/l	100
37) Ethyl Acetate	4.86	43	246453	51.65	ug/l	100
38) Carbon Tetrachloride	5.78	117	233574	51.18	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	263901	47.64	ug/l	97
40) Benzene	6.14	78	732859	50.55	ug/l	99
41) Methacrylonitrile	5.06	41	144189	52.14	ug/l	99
42) 1,2-Dichloroethane	6.20	62	249645	50.49	ug/l	100
43) Isopropyl Acetate	6.46	43	384216	52.41	ug/l	100
44) Trichloroethene	7.21	130	194690	48.52	ug/l	97
45) 1,2-Dichloropropane	7.52	63	188788	52.03	ug/l	100
46) Dibromomethane	7.67	93	122781	50.83	ug/l	99
47) Bromodichloromethane	7.90	83	238719	53.11	ug/l	99
48) Methyl methacrylate	7.78	41	211845	54.00	ug/l	99
49) 1,4-Dioxane	7.76	88	98362	1104.33	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1369026	257.00	ug/l	100
52) Toluene	8.79	92	467295	51.50	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	255458	51.45	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	283044	52.34	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	192915	52.66	ug/l	98
56) Ethyl methacrylate	9.18	69	276174	55.38	ug/l	98
57) 1,3-Dichloropropane	9.37	76	319076	51.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	718236	281.10	ug/l	99
59) 2-Hexanone	9.50	43	1056009	259.85	ug/l	100
60) Dibromochloromethane	9.59	129	192423	53.92	ug/l	100
61) 1,2-Dibromoethane	9.68	107	191558	50.53	ug/l	98
64) Tetrachloroethene	9.34	164	197453	50.44	ug/l	98
65) Chlorobenzene	10.14	112	485637	48.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	176937	51.58	ug/l	98
67) Ethyl Benzene	10.26	91	827651	51.24	ug/l	95
68) m/p-Xylenes	10.36	106	668728	105.89	ug/l	98
69) o-Xylene	10.70	106	335824	56.22	ug/l	97
70) Styrene	10.71	104	556666	57.55	ug/l	99
71) Bromoform	10.86	173	151522	54.80	ug/l #	99
73) Isopropylbenzene	11.02	105	897415	55.21	ug/l	100
74) N-amyl acetate	10.90	43	343573	54.89	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	299602	52.67	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	269719m	53.58	ug/l	
77) Bromobenzene	11.26	156	235576	51.66	ug/l	98
78) n-propylbenzene	11.36	91	1028143	54.99	ug/l	100
79) 2-Chlorotoluene	11.42	91	610965	53.09	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	739642	54.94	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	83674	53.93	ug/l	97
82) 4-Chlorotoluene	11.51	91	715411	52.83	ug/l	99
83) tert-Butylbenzene	11.77	119	742610	54.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	780050	56.45	ug/l	100
85) sec-Butylbenzene	11.94	105	890319	55.37	ug/l	100
86) p-Isopropyltoluene	12.07	119	781644	54.24	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	440838	51.35	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	426071	47.07	ug/l	99
89) n-Butylbenzene	12.39	91	608697	51.94	ug/l	100
90) Hexachloroethane	12.60	117	108161	53.70	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	407630	51.95	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53982	53.88	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	289529	50.71	ug/l	100
94) Hexachlorobutadiene	13.79	225	136984	51.58	ug/l	95
95) Naphthalene	13.83	128	983391	60.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	330131	54.62	ug/l	99

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

