

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
 Data File : VX004198.D
 Acq On : 22 Aug 2018 14:39
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX082218

Manual Integrations
 APPROVED

MMDadoda
 8/23/2018 9:40:14 AM

Quant Time: Aug 23 06:44:20 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	5.66	168	330173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	466738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	446711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	269629	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	202844	47.14	ug/l	0.00
Spiked Amount						
			Recovery	=	94.28%	
35) Dibromofluoromethane	5.49	113	172135	49.57	ug/l	0.00
Spiked Amount						
			Recovery	=	99.14%	
50) Toluene-d8	8.71	98	665243	50.76	ug/l	0.00
Spiked Amount						
			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.14	95	230377	47.11	ug/l	0.00
Spiked Amount						
			Recovery	=	94.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	215088	56.24	ug/l	98
3) Chloromethane	1.32	50	214869	50.83	ug/l	100
4) Vinyl Chloride	1.40	62	225700	52.17	ug/l	99
5) Bromomethane	1.64	94	124443	58.71	ug/l	99
6) Chloroethane	1.71	64	144595	47.09	ug/l	97
7) Trichlorofluoromethane	1.93	101	302667	51.05	ug/l	94
8) Diethyl Ether	2.18	74	129689	51.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	188793	50.84	ug/l	100
10) Methyl Iodide	2.51	142	202693	48.51	ug/l	99
11) Tert butyl alcohol	3.06	59	220806	240.71	ug/l	100
12) 1,1-Dichloroethene	2.37	96	174727	49.95	ug/l	96
13) Acrolein	2.29	56	49941	225.82	ug/l	98
14) Allyl chloride	2.73	41	328711	51.15	ug/l	100
15) Acrylonitrile	3.14	53	543838	239.39	ug/l	99
16) Acetone	2.44	43	462581	263.77	ug/l	100
17) Carbon Disulfide	2.57	76	499017	51.35	ug/l	99
18) Methyl Acetate	2.77	43	321979	50.42	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	589560	51.15	ug/l	97
20) Methylene Chloride	2.85	84	199951	48.27	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	191726	49.52	ug/l	98
22) Diisopropyl ether	3.87	45	615757	51.32	ug/l	97
23) Vinyl Acetate	3.82	43	2561303	263.37	ug/l	100
24) 1,1-Dichloroethane	3.69	63	353353	50.53	ug/l	99
25) 2-Butanone	4.70	43	722932	250.72	ug/l	99
26) 2,2-Dichloropropane	4.58	77	288030	52.52	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	222509	50.67	ug/l	99
28) Bromochloromethane	5.01	49	136668	44.15	ug/l	98
29) Tetrahydrofuran	5.15	42	457688	247.54	ug/l	99
30) Chloroform	5.21	83	350001	49.92	ug/l	100
31) Cyclohexane	5.57	56	314937	52.20	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	299526	51.23	ug/l	100
36) 1,1-Dichloropropene	5.79	75	274987	52.41	ug/l	99
37) Ethyl Acetate	4.85	43	267670	51.87	ug/l	100
38) Carbon Tetrachloride	5.78	117	263564	53.40	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	326156	54.44	ug/l	99
40) Benzene	6.14	78	823960	52.55	ug/l	99
41) Methacrylonitrile	5.06	41	156316	52.26	ug/l	99
42) 1,2-Dichloroethane	6.20	62	275523	51.52	ug/l	100
43) Isopropyl Acetate	6.46	43	427289	53.89	ug/l	100
44) Trichloroethene	7.21	130	223220	51.43	ug/l	97
45) 1,2-Dichloropropane	7.51	63	208103	53.03	ug/l	96
46) Dibromomethane	7.66	93	134654	51.54	ug/l	99
47) Bromodichloromethane	7.90	83	263159	54.13	ug/l	98
48) Methyl methacrylate	7.77	41	232081	54.70	ug/l	99
49) 1,4-Dioxane	7.75	88	99613	1034.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1440690	250.05	ug/l	100
52) Toluene	8.78	92	527490	53.75	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	302508	56.33	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	331104	56.61	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	209466	52.87	ug/l	99
56) Ethyl methacrylate	9.18	69	306588	56.85	ug/l	100
57) 1,3-Dichloropropane	9.37	76	354320	53.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	784507	283.88	ug/l	100
59) 2-Hexanone	9.49	43	1115386	253.76	ug/l	100
60) Dibromochloromethane	9.59	129	211983	54.92	ug/l	100
61) 1,2-Dibromoethane	9.67	107	221172	53.94	ug/l	99
64) Tetrachloroethene	9.34	164	211825	48.00	ug/l	99
65) Chlorobenzene	10.14	112	582093	51.92	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	200069	51.74	ug/l	99
67) Ethyl Benzene	10.25	91	962103	52.84	ug/l	99
68) m/p-Xylenes	10.36	106	776054	109.00	ug/l	98
69) o-Xylene	10.70	106	357973	53.16	ug/l	98
70) Styrene	10.71	104	602902	55.29	ug/l	99
71) Bromoform	10.86	173	159435	51.15	ug/l	97
73) Isopropylbenzene	11.02	105	941261	53.15	ug/l	99
74) N-amyl acetate	10.90	43	370088	54.28	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	304898	49.20	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	264868m	48.30	ug/l	
77) Bromobenzene	11.26	156	246032	49.53	ug/l	99
78) n-propylbenzene	11.36	91	1041152	51.12	ug/l	100
79) 2-Chlorotoluene	11.42	91	631360	50.36	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	767333	52.32	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	95527	56.52	ug/l	96
82) 4-Chlorotoluene	11.51	91	723435	49.04	ug/l	98
83) tert-Butylbenzene	11.77	119	779506	52.83	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	857306	56.95	ug/l	99
85) sec-Butylbenzene	11.94	105	962794	54.96	ug/l	99
86) p-Isopropyltoluene	12.07	119	886136	56.44	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	472908	50.56	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	503722	51.08	ug/l	98
89) n-Butylbenzene	12.39	91	794725	62.25	ug/l	98
90) Hexachloroethane	12.60	117	130192	59.33	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	480204	56.18	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63682	58.34	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	359602	57.82	ug/l	97
94) Hexachlorobutadiene	13.79	225	158097	54.65	ug/l	97
95) Naphthalene	13.83	128	1012720	57.57	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	358237	54.41	ug/l	98

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

