

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004155.D
 Acq On : 20 Aug 2018 16:15
 Operator : JC/MD
 Sample : J4541-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY070MW233-180815MS

Manual Integrations
 APPROVED

MMDadoda
 8/21/2018 11:16:39 AM

Quant Time: Aug 21 01:59:01 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	5.66	168	203429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152270	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
35) Dibromofluoromethane	5.50	113	127554	56.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.58%	
50) Toluene-d8	8.71	98	473838	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.14	95	174492	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	86112	43.49	ug/l	99
3) Chloromethane	1.32	50	122405	50.37	ug/l	98
4) Vinyl Chloride	1.40	62	147285	56.02	ug/l	92
5) Bromomethane	1.64	94	59711	44.80	ug/l	100
6) Chloroethane	1.71	64	94176	54.62	ug/l	99
7) Trichlorofluoromethane	1.92	101	166358	45.10	ug/l	99
8) Diethyl Ether	2.19	74	83618	51.93	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100447	43.65	ug/l	99
10) Methyl Iodide	2.51	142	91844	38.64	ug/l	99
11) Tert butyl alcohol	3.08	59	158090	273.90	ug/l	99
12) 1,1-Dichloroethene	2.37	96	100941	47.17	ug/l	98
13) Acrolein	2.29	56	120728	305.74	ug/l	99
14) Allyl chloride	2.72	41	205133	50.38	ug/l	99
15) Acrylonitrile	3.15	53	413424	287.28	ug/l	98
16) Acetone	2.45	43	419407	281.44	ug/l	99
17) Carbon Disulfide	2.56	76	267719	44.11	ug/l	99
18) Methyl Acetate	2.78	43	197946	59.77	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	394955	52.38	ug/l	99
20) Methylene Chloride	2.85	84	128400	52.75	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	118771	48.87	ug/l	98
22) Diisopropyl ether	3.87	45	389095	48.76	ug/l	100
23) Vinyl Acetate	3.82	43	1596227	243.56	ug/l	100
24) 1,1-Dichloroethane	3.69	63	213425	47.22	ug/l	99
25) 2-Butanone	4.70	43	660686	272.48	ug/l	100
26) 1,2-Dichloropropane	4.58	77	150902	42.00	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	144507	52.87	ug/l	96
28) Bromochloromethane	5.02	49	110985	53.52	ug/l	100
29) Tetrahydrofuran	5.16	42	338744	273.45	ug/l	100
30) Chloroform	5.21	83	229680	52.07	ug/l	99
31) Cyclohexane	5.57	56	162781	41.09	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	181712	49.30	ug/l	99
36) 1,1-Dichloropropene	5.80	75	156202	45.74	ug/l	100
37) Ethyl Acetate	4.86	43	185120	49.78	ug/l	99
38) Carbon Tetrachloride	5.78	117	155930	46.99	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159728	41.23	ug/l	97
40) Benzene	6.14	78	510974	49.83	ug/l	100
41) Methacrylonitrile	5.06	41	109379	52.51	ug/l	99
42) 1,2-Dichloroethane	6.20	62	183777	51.20	ug/l	100
43) Isopropyl Acetate	6.46	43	276587	50.45	ug/l	100
44) Trichloroethene	7.21	130	131002	47.05	ug/l	93
45) 1,2-Dichloropropane	7.51	63	133472	50.84	ug/l	98
46) Dibromomethane	7.67	93	89195	51.99	ug/l	99
47) Bromodichloromethane	7.90	83	168218	51.77	ug/l	100
48) Methyl methacrylate	7.78	41	153274	55.54	ug/l	99
49) 1,4-Dioxane	7.76	88	67647	1088.80	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1301083	289.46	ug/l	100
52) Toluene	8.79	92	325089	50.12	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	180601	51.45	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	191465	49.25	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	138856	51.84	ug/l	99
56) Ethyl methacrylate	9.18	69	198773	54.58	ug/l	99
57) 1,3-Dichloropropane	9.37	76	232500	52.32	ug/l	99
59) 2-Hexanone	9.50	43	1002540	296.35	ug/l	100
60) Dibromochloromethane	9.59	129	135728	52.66	ug/l	100
61) 1,2-Dibromoethane	9.68	107	144912	53.07	ug/l	100
64) Tetrachloroethene	9.34	164	115389	40.81	ug/l	95
65) Chlorobenzene	10.14	112	365776	47.47	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	132298	50.34	ug/l	98
67) Ethyl Benzene	10.25	91	593775	48.66	ug/l	97
68) m/p-Xylenes	10.36	106	476850	99.79	ug/l	96
69) o-Xylene	10.70	106	226516	49.60	ug/l	95
70) Stvrene	10.71	104	393873	51.25	ug/l	98
71) Bromoform	10.86	173	107937	51.79	ug/l	97
73) Isopropylbenzene	11.02	105	590159	47.63	ug/l	97
74) N-amyl acetate	6.46	43	276587	47.46	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	212833	49.19	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	190369m	51.84	ug/l	
77) Bromobenzene	11.26	156	161463	47.27	ug/l	100
78) n-propylbenzene	11.36	91	657478	47.41	ug/l	98
79) 2-Chlorotoluene	11.42	91	399731	47.30	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	479836	47.29	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	59725	50.35	ug/l	97
82) 4-Chlorotoluene	11.51	91	471705	47.22	ug/l	99
83) tert-Butylbenzene	11.77	119	490668	47.97	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	513515	48.87	ug/l	99
85) sec-Butylbenzene	11.95	105	543350	45.38	ug/l	99
86) p-Isopropyltoluene	12.07	119	498148	45.96	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	300745	46.16	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	310349	46.29	ug/l	99
89) n-Butylbenzene	12.39	91	371321	43.48	ug/l	99
90) Hexachloroethane	12.60	117	76038	46.89	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	290120	49.38	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44186	58.10	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	185226	46.12	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	72979	36.25	ug/l	98
95) Naphthalene	13.83	128	657741	51.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	195120	44.55	ug/l	98

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

