

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003587.D
 Acq On : 22 Jul 2018 06:47
 Operator : JC/SP
 Sample : J4028-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-W-180716MS

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:20:02 PM

Quant Time: Jul 23 06:56:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	379765	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216801	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163529	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	5.51	113	160235	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
50) Toluene-d8	8.72	98	559654	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.14	95	202531	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109634	50.56	ug/l	97
3) Chloromethane	1.32	50	148126	55.23	ug/l	99
4) Vinyl Chloride	1.40	62	165019	47.56	ug/l	95
5) Bromomethane	1.64	94	75811	55.18	ug/l	99
6) Chloroethane	1.73	64	108952	53.06	ug/l	95
7) Trichlorofluoromethane	1.93	101	229039	49.47	ug/l	99
8) Diethyl Ether	2.19	74	100200	50.40	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	142112	46.90	ug/l	98
10) Methyl Iodide	2.51	142	203744	55.97	ug/l	92
11) Tert butyl alcohol	3.08	59	142961	223.44	ug/l	100
12) 1,1-Dichloroethene	2.37	96	140112	50.22	ug/l	84
13) Acrolein	2.30	56	56928	196.93	ug/l	97
14) Allyl chloride	2.73	41	249021	50.42	ug/l #	85
15) Acrylonitrile	3.15	53	393368	241.49	ug/l	98
16) Acetone	2.45	43	320740	262.62	ug/l #	88
17) Carbon Disulfide	2.57	76	372199	49.33	ug/l	100
18) Methyl Acetate	2.78	43	179899	46.72	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	483731	53.10	ug/l	96
20) Methylene Chloride	2.86	84	157335	52.73	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	154206	49.68	ug/l	92
22) Diisopropyl ether	3.87	45	518657	55.81	ug/l #	90
23) Vinyl Acetate	3.82	43	1867785	244.00	ug/l	95
24) 1,1-Dichloroethane	3.70	63	308839	56.64	ug/l	98
25) 2-Butanone	4.71	43	531473	259.36	ug/l	97
26) 1,2-Dichloropropane	4.59	77	127975	30.90	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	182394	52.77	ug/l	90
28) Bromochloromethane	5.02	49	130266	54.66	ug/l #	82
29) Tetrahydrofuran	5.15	42	358870	265.11	ug/l	91
30) Chloroform	5.22	83	303042	56.92	ug/l	100
31) Cyclohexane	5.57	56	245821	50.46	ug/l	90
32) 1,1,1-Trichloroethane	5.50	97	248477	54.50	ug/l	95
36) 1,1-Dichloropropene	5.79	75	199959	48.77	ug/l	98
37) Ethyl Acetate	4.86	43	201335	51.89	ug/l	95
38) Carbon Tetrachloride	5.79	117	208836	51.93	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	228802	47.11	ug/l	98
40) Benzene	6.15	78	618247	49.94	ug/l	99
41) Methacrylonitrile	5.06	41	123921	54.34	ug/l #	89
42) 1,2-Dichloroethane	6.20	62	199013	51.02	ug/l	94
43) Isopropyl Acetate	6.47	43	286637	46.44	ug/l #	93
44) Trichloroethene	7.21	130	187018	50.66	ug/l	98
45) 1,2-Dichloropropane	7.52	63	159023	50.59	ug/l	100
46) Dibromomethane	7.67	93	106237	52.50	ug/l	94
47) Bromodichloromethane	7.90	83	197908	53.42	ug/l	99
48) Methyl methacrylate	7.78	41	154899	49.77	ug/l #	82
49) 1,4-Dioxane	7.76	88	59184	839.23	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	978997	251.08	ug/l	91
52) Toluene	8.79	92	395584	50.77	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	217559	47.71	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	198776	48.47	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	159898	51.57	ug/l	99
56) Ethyl methacrylate	9.18	69	228377	52.29	ug/l #	80
57) 1,3-Dichloropropane	9.37	76	256850	51.24	ug/l	100
59) 2-Hexanone	9.50	43	721135	249.62	ug/l	87
60) Dibromochloromethane	9.59	129	168154	54.79	ug/l	99
61) 1,2-Dibromoethane	9.68	107	165857	51.60	ug/l	100
64) Tetrachloroethene	9.34	164	213888	49.09	ug/l	98
65) Chlorobenzene	10.14	112	451414	49.00	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	165975	52.36	ug/l	99
67) Ethyl Benzene	10.26	91	744929	50.29	ug/l	99
68) m/p-Xylenes	10.36	106	588794	101.39	ug/l	95
69) o-Xylene	10.70	106	286226	50.97	ug/l	95
70) Styrene	10.71	104	483776	52.37	ug/l	96
71) Bromoform	10.86	173	132457	53.78	ug/l	100
73) Isopropylbenzene	11.02	105	761259	50.77	ug/l	99
74) N-amyl acetate	6.47	43	286637	45.02	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	219490	49.95	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	218565m	56.12	ug/l	
77) Bromobenzene	11.26	156	214812	49.81	ug/l	95
78) n-propylbenzene	11.36	91	842075	50.52	ug/l	98
79) 2-Chlorotoluene	11.42	91	507135	50.12	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	631635	51.26	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	53566	39.58	ug/l	87
82) 4-Chlorotoluene	11.51	91	587200	49.53	ug/l	97
83) tert-Butylbenzene	11.77	119	618459	51.25	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	647329	51.63	ug/l	97
85) sec-Butylbenzene	11.95	105	736639	50.26	ug/l	99
86) p-Isopropyltoluene	12.07	119	662914	50.39	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	383733	48.41	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	386615	47.34	ug/l	99
89) n-Butylbenzene	12.39	91	530572	47.50	ug/l	98
90) Hexachloroethane	12.60	117	96779	51.75	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	389885	49.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42882	50.15	ug/l	84
93) 1,2,4-Trichlorobenzene	13.65	180	272398	47.57	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	126538	45.95	ug/l	100
95) Naphthalene	13.83	128	779274	51.79	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	281283	49.62	ug/l	100

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

