

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004573.D
 Acq On : 15 Sep 2018 09:22
 Operator : JC/MD
 Sample : J4925-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0242MS

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 5:09:32 PM

Quant Time: Sep 17 01:29:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	263567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168495	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	5.50	113	151900	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	8.72	98	507633	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	11.14	95	184076	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	120111	48.62	ug/l	95
3) Chloromethane	1.32	50	155431	45.72	ug/l	100
4) Vinyl Chloride	1.40	62	169133	48.47	ug/l	98
5) Bromomethane	1.64	94	59329	40.38	ug/l	98
6) Chloroethane	1.72	64	108287	47.99	ug/l	95
7) Trichlorofluoromethane	1.93	101	215041	46.49	ug/l	90
8) Diethyl Ether	2.19	74	100010	48.23	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134084	45.70	ug/l	98
10) Methyl Iodide	2.51	142	112370	33.57	ug/l	97
11) Tert butyl alcohol	3.07	59	163674	201.84	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135727	49.28	ug/l	96
13) Acrolein	2.29	56	80419	251.23	ug/l	99
14) Allyl chloride	2.73	41	255506	45.13	ug/l	95
15) Acrylonitrile	3.15	53	441838	226.26	ug/l	100
16) Acetone	2.44	43	343356	207.00	ug/l	95
17) Carbon Disulfide	2.57	76	371047	46.61	ug/l	100
18) Methyl Acetate	2.78	43	189379	40.69	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	485843	50.28	ug/l	98
20) Methylene Chloride	2.86	84	159496	46.87	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	145660	47.86	ug/l	95
22) Diisopropyl ether	3.87	45	508222	49.84	ug/l	95
23) Vinyl Acetate	3.82	43	1734204	210.15	ug/l	100
24) 1,1-Dichloroethane	3.70	63	274328	47.65	ug/l	99
25) 2-Butanone	4.70	43	559780	212.05	ug/l	92
26) 2,2-Dichloropropane	4.58	77	123410	31.21	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	172611	50.81	ug/l	96
28) Bromochloromethane	5.02	49	136734	51.92	ug/l	99
29) Tetrahydrofuran	5.16	42	366474	230.20	ug/l	99
30) Chloroform	5.21	83	271565	48.32	ug/l	98
31) Cyclohexane	5.57	56	244040	49.64	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	225405	49.79	ug/l	99
36) 1,1-Dichloropropene	5.79	75	201878	47.66	ug/l	97
37) Ethyl Acetate	4.86	43	188073	39.04	ug/l	99
38) Carbon Tetrachloride	5.78	117	197800	47.81	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205022	46.39	ug/l	98
40) Benzene	6.15	78	618712	49.23	ug/l	98
41) Methacrylonitrile	5.06	41	124165	46.78	ug/l	99
42) 1,2-Dichloroethane	6.20	62	197040	47.27	ug/l	99
43) Isopropyl Acetate	6.46	43	289557	45.26	ug/l	100
44) Trichloroethene	7.22	130	159064	48.72	ug/l	92
45) 1,2-Dichloropropane	7.52	63	145123	47.99	ug/l	100
46) Dibromomethane	7.66	93	90297	47.27	ug/l	99
47) Bromodichloromethane	7.90	83	172895	47.86	ug/l	99
48) Methyl methacrylate	7.77	41	151046	47.70	ug/l	98
49) 1,4-Dioxane	7.76	88	60671	809.55	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	953202	211.11	ug/l	99
52) Toluene	8.79	92	342982	46.32	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	199758	47.33	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	195053	45.34	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	161492	50.66	ug/l #	88
56) Ethyl methacrylate	9.18	69	241575	53.56	ug/l	95
57) 1,3-Dichloropropane	9.37	76	257435	49.70	ug/l	99
59) 2-Hexanone	9.50	43	795710	229.75	ug/l	96
60) Dibromochloromethane	9.59	129	141615	47.18	ug/l	100
61) 1,2-Dibromoethane	9.68	107	142321	46.73	ug/l	100
64) Tetrachloroethene	9.34	164	190953	48.62	ug/l	91
65) Chlorobenzene	10.14	112	380890	48.75	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	136290	50.58	ug/l	100
67) Ethyl Benzene	10.25	91	646205	50.86	ug/l	97
68) m/p-Xylenes	10.36	106	503877	102.95	ug/l	98
69) o-Xylene	10.70	106	245687	52.22	ug/l	99
70) Styrene	10.71	104	407644	52.29	ug/l	98
71) Bromoform	10.86	173	111352	50.33	ug/l	99
73) Isopropylbenzene	11.02	105	654792	48.66	ug/l	100
74) N-amyl acetate	10.90	43	232926	41.12	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	197409	45.48	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	180614m	43.93	ug/l	
77) Bromobenzene	11.26	156	175227	47.11	ug/l	99
78) n-propylbenzene	11.36	91	738942	47.75	ug/l	100
79) 2-Chlorotoluene	11.42	91	485847	51.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	604029	53.39	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	49410	38.31	ug/l	96
82) 4-Chlorotoluene	11.51	91	558753	51.01	ug/l	100
83) tert-Butylbenzene	11.77	119	653411	60.67	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	686871	59.46	ug/l	100
85) sec-Butylbenzene	11.94	105	765941	55.80	ug/l	99
86) p-Isopropyltoluene	12.07	119	624997	51.57	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	350392	50.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	346336	48.30	ug/l	99
89) n-Butylbenzene	12.39	91	589612	53.38	ug/l	97
90) Hexachloroethane	12.60	117	98431	50.73	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	373893	53.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50582	54.57	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	285443	57.39	ug/l	97

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QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	131962	50.79	ug/l	96
95) Naphthalene	13.83	128	867906	62.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	290627	56.87	ug/l	96

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

