

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003090.D
 Acq On : 30 Jun 2018 20:16
 Operator : JC/MD
 Sample : J3675-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MS

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:19:31 PM

Quant Time: Jul 02 04:25:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	374899	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180090	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	5.51	113	149253	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	8.72	98	524817	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.14	95	204982	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144734	60.42	ug/l	99
3) Chloromethane	1.32	50	141798	57.12	ug/l	99
4) Vinyl Chloride	1.40	62	163288	53.76	ug/l	# 88
5) Bromomethane	1.64	94	53254	36.84	ug/l	100
6) Chloroethane	1.72	64	97822	55.11	ug/l	99
7) Trichlorofluoromethane	1.93	101	248946	48.59	ug/l	97
8) Diethyl Ether	2.19	74	93634	50.27	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	140660	47.38	ug/l	98
10) Methyl Iodide	2.51	142	124908	42.55	ug/l	98
11) Tert butyl alcohol	3.08	59	172900	233.80	ug/l	99
12) 1,1-Dichloroethene	2.37	96	130053	49.10	ug/l	94
13) Acrolein	2.29	56	65972	162.42	ug/l	100
14) Allyl chloride	2.73	41	253048	48.46	ug/l	95
15) Acrylonitrile	3.15	53	409922	259.51	ug/l	99
16) Acetone	2.45	43	366670	238.50	ug/l	96
17) Carbon Disulfide	2.57	76	335370	47.52	ug/l	99
18) Methyl Acetate	2.78	43	182519	42.46	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	477144	50.11	ug/l	100
20) Methylene Chloride	2.86	84	144079	48.16	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	140365	48.65	ug/l	92
22) Diisopropyl ether	3.88	45	510094	51.11	ug/l	99
23) Vinyl Acetate	3.83	43	2045301	242.01	ug/l	99
24) 1,1-Dichloroethane	3.70	63	268453	49.49	ug/l	100
25) 2-Butanone	4.71	43	604077	264.76	ug/l	98
26) 2,2-Dichloropropane	4.59	77	170129	38.57	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	171471	53.01	ug/l	92
28) Bromochloromethane	5.02	49	127914	49.26	ug/l	92
29) Tetrahydrofuran	5.17	42	387517	264.85	ug/l	97
30) Chloroform	5.22	83	286065	51.38	ug/l	98
31) Cyclohexane	5.57	56	232330	49.90	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	253129	51.68	ug/l	98
36) 1,1-Dichloropropene	5.80	75	201016	48.89	ug/l	98
37) Ethyl Acetate	4.87	43	214928	48.55	ug/l	99
38) Carbon Tetrachloride	5.78	117	224394	49.74	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	226018	47.20	ug/l	96
40) Benzene	6.15	78	605005	50.65	ug/l	100
41) Methacrylonitrile	5.07	41	132958	52.16	ug/l	98
42) 1,2-Dichloroethane	6.20	62	231827	48.04	ug/l	98
43) Isopropyl Acetate	6.47	43	359296	48.40	ug/l	98
44) Trichloroethene	7.22	130	174311	48.94	ug/l	100
45) 1,2-Dichloropropane	7.52	63	159895	50.46	ug/l	99
46) Dibromomethane	7.66	93	108531	49.35	ug/l	95
47) Bromodichloromethane	7.90	83	208650	51.32	ug/l	99
48) Methyl methacrylate	7.78	41	194751	50.91	ug/l	95
49) 1,4-Dioxane	7.76	88	70881	952.41	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1215750	261.74	ug/l	97
52) Toluene	8.79	92	388131	50.72	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	230984	50.17	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	217008	48.99	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	161497	51.36	ug/l	98
56) Ethyl methacrylate	9.18	69	247106	53.77	ug/l	94
57) 1,3-Dichloropropane	9.38	76	265434	51.39	ug/l	99
59) 2-Hexanone	9.50	43	926000	262.31	ug/l	96
60) Dibromochloromethane	9.59	129	174739	52.79	ug/l	99
61) 1,2-Dibromoethane	9.68	107	172107	52.18	ug/l	100
64) Tetrachloroethene	9.34	164	170229	43.17	ug/l	99
65) Chlorobenzene	10.14	112	449219	49.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	169871	51.92	ug/l	100
67) Ethyl Benzene	10.26	91	787593	52.94	ug/l	99
68) m/p-Xylenes	10.36	106	598849	104.44	ug/l	98
69) o-Xylene	10.70	106	287001	51.40	ug/l	99
70) Stvrene	10.71	104	483115	53.25	ug/l	99
71) Bromoform	10.86	173	139155	47.30	ug/l	99
73) Isopropylbenzene	11.02	105	787353	53.12	ug/l	100
74) N-amyl acetate	6.47	43	359296	49.54	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	251577	55.10	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	235664m	59.05	ug/l	
77) Bromobenzene	11.26	156	220994	52.36	ug/l	96
78) n-propylbenzene	11.37	91	875622	51.90	ug/l	99
79) 2-Chlorotoluene	11.43	91	520206	50.93	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	647058	51.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57323	42.23	ug/l	99
82) 4-Chlorotoluene	11.51	91	613694	50.75	ug/l	99
83) tert-Butylbenzene	11.77	119	658496	53.52	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	674906	52.18	ug/l	98
85) sec-Butylbenzene	11.95	105	757985	50.79	ug/l	99
86) p-Isopropyltoluene	12.07	119	681265	50.77	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	390293	50.63	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	394989	49.79	ug/l	99
89) n-Butylbenzene	12.39	91	563048	48.21	ug/l	99
90) Hexachloroethane	12.60	117	99070	49.64	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	397626	51.10	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55850	54.41	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	286160	50.53	ug/l	100

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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	135838	48.10	ug/l	98
95) Naphthalene	13.84	128	852574	56.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	292722	51.75	ug/l	99

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

