

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005108.D
 Acq On : 06 Oct 2018 10:53
 Operator : JC/MD
 Sample : J5259-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3MS

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:02:43 PM

Quant Time: Oct 08 07:54:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173126	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168539	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
35) Dibromofluoromethane	5.51	113	136659	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	8.72	98	446954	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.14	95	167351	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	128934	43.155	ug/l	97
3) Chloromethane	1.32	50	177004	48.831	ug/l	98
4) Vinyl Chloride	1.40	62	866569	254.892	ug/l	99
5) Bromomethane	1.64	94	107292	53.220	ug/l	90
6) Chloroethane	1.72	64	100575	54.492	ug/l	94
7) Trichlorofluoromethane	1.93	101	218151	51.831	ug/l	95
8) Diethyl Ether	2.19	74	92614	50.652	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106424	44.390	ug/l	98
10) Methyl Iodide	2.51	142	125514	39.123	ug/l	91
11) Tert butyl alcohol	3.07	59	212242	242.495	ug/l	99
12) 1,1-Dichloroethene	2.37	96	119710	50.419	ug/l	98
13) Acrolein	2.29	56	38060	61.118	ug/l	93
14) Allyl chloride	2.73	41	263647	50.892	ug/l	97
15) Acrylonitrile	3.15	53	496628	257.755	ug/l	94
16) Acetone	2.45	43	464027	253.915	ug/l	97
17) Carbon Disulfide	2.57	76	321814	45.107	ug/l	98
18) Methyl Acetate	2.78	43	286994	61.984	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	449364	54.869	ug/l	98
20) Methylene Chloride	2.86	84	144325	54.391	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	128236	49.338	ug/l	85
22) Diisopropyl ether	3.87	45	489366	56.097	ug/l #	90
23) Vinyl Acetate	3.83	43	1947407	243.876	ug/l	100
24) 1,1-Dichloroethane	3.70	63	263084	50.557	ug/l	98
25) 2-Butanone	4.70	43	715891	265.758	ug/l	91
26) 2,2-Dichloropropane	4.58	77	103449	28.548	ug/l #	47
27) cis-1,2-Dichloroethene	4.60	96	866558	298.447	ug/l	94
28) Bromochloromethane	5.02	49	129041	52.659	ug/l	97
29) Tetrahydrofuran	5.16	42	447413	267.228	ug/l	99
30) Chloroform	5.21	83	252038	51.248	ug/l	92
31) Cyclohexane	5.57	56	196891	49.436	ug/l	88
32) 1,1,1-Trichloroethane	5.50	97	211098	52.558	ug/l	96
36) 1,1-Dichloropropene	5.80	75	180939	51.338	ug/l	93
37) Ethyl Acetate	4.86	43	235775	50.397	ug/l	98
38) Carbon Tetrachloride	5.78	117	183738	49.594	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148912	41.378	ug/l #	85
40) Benzene	6.15	78	576534	52.251	ug/l	92
41) Methacrylonitrile	5.06	41	138392	53.341	ug/l	96
42) 1,2-Dichloroethane	6.19	62	194217	49.792	ug/l	97
43) Isopropyl Acetate	6.46	43	349374	51.740	ug/l	96
44) Trichloroethene	7.21	130	140982	51.975	ug/l	82
45) 1,2-Dichloropropane	7.52	63	139801	51.666	ug/l	96
46) Dibromomethane	7.66	93	86660	50.961	ug/l	100
47) Bromodichloromethane	7.90	83	167609	52.644	ug/l	100
48) Methyl methacrylate	7.78	41	171049	55.810	ug/l	99
49) 1,4-Dioxane	7.75	88	67193	882.460	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1163033	273.547	ug/l	100
52) Toluene	8.79	92	308570	50.894	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	172493	47.943	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	178085	47.256	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	132054	49.723	ug/l	96
56) Ethyl methacrylate	9.18	69	206664	48.071	ug/l	98
57) 1,3-Dichloropropane	9.37	76	221444	50.099	ug/l	98
59) 2-Hexanone	9.50	43	917030	258.829	ug/l	95
60) Dibromochloromethane	9.58	129	136259	51.303	ug/l	98
61) 1,2-Dibromoethane	9.68	107	136205	47.889	ug/l	96
64) Tetrachloroethene	9.33	164	133463	48.100	ug/l	95
65) Chlorobenzene	10.14	112	359047	49.666	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	130541	51.364	ug/l	99
67) Ethyl Benzene	10.26	91	595934	51.922	ug/l	95
68) m/p-Xylenes	10.36	106	461053	102.798	ug/l	96
69) o-Xylene	10.70	106	222880	54.104	ug/l	100
70) Styrene	10.71	104	376290	48.889	ug/l	100
71) Bromoform	10.86	173	111368	51.184	ug/l	96
73) Isopropylbenzene	11.02	105	600036	54.987	ug/l	99
74) N-amyl acetate	10.90	43	274206	45.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	216989	48.849	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	195124m	50.285	ug/l	
77) Bromobenzene	11.26	156	163073	51.449	ug/l	100
78) n-propylbenzene	11.36	91	687520	54.911	ug/l	99
79) 2-Chlorotoluene	11.42	91	415522	53.242	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	510656	51.062	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49551	35.431	ug/l	99
82) 4-Chlorotoluene	11.51	91	483973	52.686	ug/l	100
83) tert-Butylbenzene	11.77	119	515409	57.367	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	531474	51.534	ug/l	100
85) sec-Butylbenzene	11.94	105	606398	55.412	ug/l	100
86) p-Isopropyltoluene	12.07	119	545843	55.053	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	299521	50.607	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	303217	49.629	ug/l	99
89) n-Butylbenzene	12.39	91	470944	52.301	ug/l	100
90) Hexachloroethane	12.60	117	90930	55.083	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	304213	49.185	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53067	54.409	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	231381	53.329	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	105918	47.077	ug/l	99
95) Naphthalene	13.83	128	764874	53.069	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	237836	53.065	ug/l	99

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

