

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002693.D
 Acq On : 18 Jun 2018 22:21
 Operator : JC/MD
 Sample : VX0618WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:05:34 PM

Quant Time: Jun 19 06:02:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	211128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	298965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178486	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	153339	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
35) Dibromofluoromethane	5.51	113	121109	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	8.72	98	446674	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.14	95	164736	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38685	17.260	ug/l	98
3) Chloromethane	1.32	50	41637	15.617	ug/l	98
4) Vinyl Chloride	1.40	62	47859	17.298	ug/l	95
5) Bromomethane	1.64	94	29003	17.374	ug/l	98
6) Chloroethane	1.72	64	33371	18.300	ug/l	99
7) Trichlorofluoromethane	1.93	101	87373	19.438	ug/l	98
8) Diethyl Ether	2.19	74	32201	18.835	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49459	19.684	ug/l	98
10) Methyl Iodide	2.51	142	38276	15.300	ug/l	98
11) Tert butyl alcohol	3.08	59	68826	103.771	ug/l	97
12) 1,1-Dichloroethene	2.37	96	44017	18.659	ug/l	99
13) Acrolein	2.30	56	20033	69.523	ug/l	100
14) Allyl chloride	2.73	41	85689	18.294	ug/l	99
15) Acrylonitrile	3.15	53	143718	99.300	ug/l	99
16) Acetone	2.45	43	136667	96.551	ug/l	99
17) Carbon Disulfide	2.57	76	103021	18.413	ug/l	99
18) Methyl Acetate	2.78	43	80166	21.258	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	167390	18.915	ug/l	98
20) Methylene Chloride	2.86	84	49845	17.174	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	46636	18.222	ug/l	97
22) Diisopropyl ether	3.88	45	161940	19.109	ug/l	99
23) Vinyl Acetate	3.83	43	735705	103.725	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94528	20.552	ug/l	99
25) 2-Butanone	4.71	43	193211	103.938	ug/l	97
26) 2,2-Dichloropropane	4.59	77	51151	15.477	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	49889	19.158	ug/l	98
28) Bromochloromethane	5.03	49	44036	20.444	ug/l	96
29) Tetrahydrofuran	5.17	42	125100	102.685	ug/l	97
30) Chloroform	5.22	83	88465	19.945	ug/l	99
31) Cyclohexane	5.58	56	71533	18.889	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	74735	20.146	ug/l	99
36) 1,1-Dichloropropene	5.80	75	61855	19.481	ug/l	98
37) Ethyl Acetate	4.87	43	73910	20.566	ug/l	100
38) Carbon Tetrachloride	5.79	117	66218	20.943	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71495	19.261	ug/l	97
40) Benzene	6.15	78	187181	19.660	ug/l	97
41) Methacrylonitrile	5.07	41	42068	20.732	ug/l	97
42) 1,2-Dichloroethane	6.20	62	74512	20.215	ug/l	100
43) Isopropyl Acetate	6.48	43	119324	20.040	ug/l	99
44) Trichloroethene	7.22	130	53838	19.592	ug/l	96
45) 1,2-Dichloropropane	7.53	63	49045	19.573	ug/l	99
46) Dibromomethane	7.67	93	34828	20.779	ug/l	100
47) Bromodichloromethane	7.90	83	61897	20.937	ug/l	99
48) Methyl methacrylate	7.78	41	61564	20.233	ug/l	97
49) 1,4-Dioxane	7.76	88	24883	431.825	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	400065	104.643	ug/l	99
52) Toluene	8.79	92	119254	19.636	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	67849	18.902	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	61287	18.575	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	51553	21.007	ug/l	98
56) Ethyl methacrylate	9.18	69	74885	19.829	ug/l	98
57) 1,3-Dichloropropane	9.38	76	82665	19.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	180917	99.045	ug/l	98
59) 2-Hexanone	9.50	43	305034	105.882	ug/l	99
60) Dibromochloromethane	9.59	129	49309	20.279	ug/l	98
61) 1,2-Dibromoethane	9.68	107	51955	20.442	ug/l	99
64) Tetrachloroethene	9.34	164	59988	18.995	ug/l	97
65) Chlorobenzene	10.14	112	139407	19.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	51106	21.455	ug/l	99
67) Ethyl Benzene	10.26	91	234196	19.872	ug/l	99
68) m/p-Xylenes	10.37	106	181172	39.853	ug/l	99
69) o-Xylene	10.70	106	87734	19.643	ug/l	100
70) Styrene	10.71	104	145912	19.865	ug/l	99
71) Bromoform	10.86	173	36413	20.006	ug/l #	99
73) Isopropylbenzene	11.02	105	241634	20.242	ug/l	99
74) N-amyl acetate	6.48	43	119324	20.119	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77751	22.056	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	73626m	21.860	ug/l	
77) Bromobenzene	11.26	156	66814	20.091	ug/l	97
78) n-propylbenzene	11.37	91	272701	19.919	ug/l	100
79) 2-Chlorotoluene	11.43	91	162653	19.899	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	203311	20.153	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	15728	17.876	ug/l	90
82) 4-Chlorotoluene	11.51	91	191495	19.855	ug/l	100
83) tert-Butylbenzene	11.77	119	199780	20.557	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	209322	20.334	ug/l	99
85) sec-Butylbenzene	11.95	105	244894	20.265	ug/l	100
86) p-Isopropyltoluene	12.07	119	219729	20.096	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	121315	19.891	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121842	19.634	ug/l	99
89) n-Butylbenzene	12.39	91	181484	18.815	ug/l	100
90) Hexachloroethane	12.60	117	29346	18.939	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	125664	20.472	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15821	21.426	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88527	19.871	ug/l	99
94) Hexachlorobutadiene	13.79	225	44914	19.139	ug/l	99
95) Naphthalene	13.84	128	254692	21.246	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92538	20.682	ug/l	100

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

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