

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002694.D
 Acq On : 18 Jun 2018 22:47
 Operator : JC/MD
 Sample : VX0618WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:05:35 PM

Quant Time: Jun 19 06:04:09 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	212791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	304150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157987	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	5.51	113	125023	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.72	98	467865	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.14	95	172027	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39386	17.435	ug/l	98
3) Chloromethane	1.32	50	44618	16.604	ug/l	99
4) Vinyl Chloride	1.40	62	49503	17.753	ug/l	93
5) Bromomethane	1.64	94	30203	17.951	ug/l	100
6) Chloroethane	1.72	64	34335	18.681	ug/l	98
7) Trichlorofluoromethane	1.93	101	90104	19.889	ug/l	96
8) Diethyl Ether	2.19	74	32133	18.648	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50547	19.960	ug/l	99
10) Methyl Iodide	2.51	142	43827	16.676	ug/l	99
11) Tert butyl alcohol	3.08	59	70807	105.923	ug/l	96
12) 1,1-Dichloroethene	2.37	96	45044	18.945	ug/l	98
13) Acrolein	2.30	56	19613	67.730	ug/l	96
14) Allyl chloride	2.73	41	87641	18.564	ug/l	98
15) Acrylonitrile	3.15	53	148045	101.490	ug/l	100
16) Acetone	2.45	43	138939	97.389	ug/l	99
17) Carbon Disulfide	2.57	76	104909	18.603	ug/l	98
18) Methyl Acetate	2.78	43	80754	21.247	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	172124	19.298	ug/l	98
20) Methylene Chloride	2.86	84	51525	17.614	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48097	18.646	ug/l	99
22) Diisopropyl ether	3.88	45	164427	19.251	ug/l	99
23) Vinyl Acetate	3.83	43	754996	105.613	ug/l	100
24) 1,1-Dichloroethane	3.70	63	95599	20.622	ug/l	98
25) 2-Butanone	4.72	43	196875	105.081	ug/l	99
26) 2,2-Dichloropropane	4.58	77	52074	15.633	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	51903	19.776	ug/l	96
28) Bromochloromethane	5.03	49	43573	20.071	ug/l	96
29) Tetrahydrofuran	5.17	42	127163	103.562	ug/l	97
30) Chloroform	5.22	83	91265	20.416	ug/l	100
31) Cyclohexane	5.58	56	74443	19.504	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	77567	20.746	ug/l	99
36) 1,1-Dichloropropene	5.81	75	62145	19.238	ug/l	97
37) Ethyl Acetate	4.87	43	74886	20.482	ug/l	99
38) Carbon Tetrachloride	5.78	117	68702	21.358	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74157	19.638	ug/l	96
40) Benzene	6.15	78	192438	19.868	ug/l	99
41) Methacrylonitrile	5.07	41	43029	20.844	ug/l	98
42) 1,2-Dichloroethane	6.20	62	77264	20.604	ug/l	99
43) Isopropyl Acetate	6.48	43	121907	20.125	ug/l	99
44) Trichloroethene	7.22	130	56111	20.071	ug/l	98
45) 1,2-Dichloropropane	7.52	63	50935	19.981	ug/l	96
46) Dibromomethane	7.67	93	35676	20.922	ug/l	99
47) Bromodichloromethane	7.90	83	63459	21.100	ug/l	98
48) Methyl methacrylate	7.78	41	62501	20.190	ug/l	97
49) 1,4-Dioxane	7.76	88	25429	433.777	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	410447	105.529	ug/l	99
52) Toluene	8.79	92	124350	20.126	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	70609	19.280	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	63200	18.784	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	51935	20.802	ug/l	97
56) Ethyl methacrylate	9.18	69	77535	20.181	ug/l	97
57) 1,3-Dichloropropane	9.38	76	85030	20.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	181715	97.786	ug/l	98
59) 2-Hexanone	9.50	43	310622	105.984	ug/l	99
60) Dibromochloromethane	9.59	129	50972	20.545	ug/l	100
61) 1,2-Dibromoethane	9.68	107	53751	20.788	ug/l	100
64) Tetrachloroethene	9.34	164	62342	19.372	ug/l	97
65) Chlorobenzene	10.14	112	143796	20.196	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52129	21.476	ug/l	99
67) Ethyl Benzene	10.26	91	240706	20.044	ug/l	100
68) m/p-Xylenes	10.37	106	185053	39.948	ug/l	99
69) o-Xylene	10.70	106	89831	19.737	ug/l	100
70) Styrene	10.71	104	150905	20.161	ug/l	99
71) Bromoform	10.86	173	38860	20.724	ug/l #	97
73) Isopropylbenzene	11.02	105	250181	20.911	ug/l	100
74) N-amyl acetate	6.48	43	121907	20.508	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	79267	22.436	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	75919m	22.491	ug/l	
77) Bromobenzene	11.26	156	68723	20.618	ug/l	98
78) n-propylbenzene	11.37	91	279899	20.399	ug/l	99
79) 2-Chlorotoluene	11.43	91	167359	20.429	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	208556	20.627	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16084	18.155	ug/l	88
82) 4-Chlorotoluene	11.51	91	195194	20.193	ug/l	99
83) tert-Butylbenzene	11.77	119	204748	21.021	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	215590	20.896	ug/l	99
85) sec-Butylbenzene	11.95	105	250745	20.703	ug/l	100
86) p-Isopropyltoluene	12.07	119	222881	20.339	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	125558	20.541	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126356	20.316	ug/l	100
89) n-Butylbenzene	12.39	91	189516	19.604	ug/l	99
90) Hexachloroethane	12.60	117	31210	19.936	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	127182	20.673	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16865	22.789	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92261	20.663	ug/l	99
94) Hexachlorobutadiene	13.79	225	46359	19.710	ug/l	100
95) Naphthalene	13.84	128	261604	21.773	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	95584	21.315	ug/l	100

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

