

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
 Data File : VX011068.D
 Acq On : 25 Jul 2019 11:22
 Operator : JC/SP
 Sample : VX0725WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 9:49:21 AM

Quant Time: Jul 26 01:43:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	149400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	257075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107041	67.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.70%	
35) Dibromofluoromethane	5.49	113	90904	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
50) Toluene-d8	8.71	98	317277	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.13	95	122498	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	26383	16.926	ug/l	99
3) Chloromethane	1.33	50	32560	23.699	ug/l	99
4) Vinyl Chloride	1.41	62	29481	21.038	ug/l	99
5) Bromomethane	1.64	94	20172	25.544	ug/l	95
6) Chloroethane	1.72	64	21452	24.089	ug/l	98
7) Trichlorofluoromethane	1.93	101	46305	19.520	ug/l	96
8) Diethyl Ether	2.19	74	21873	26.762	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23819	17.586	ug/l	99
10) Methyl Iodide	2.51	142	36957	20.793	ug/l	100
11) Tert butyl alcohol	3.04	59	53088	143.421	ug/l	99
12) 1,1-Dichloroethene	2.37	96	27900	20.966	ug/l	96
13) Acrolein	2.29	56	20279	94.823	ug/l	98
14) Allyl chloride	2.73	41	47512	24.580	ug/l	100
15) Acrylonitrile	3.14	53	105288	140.766	ug/l	99
16) Acetone	2.45	43	90909	126.642	ug/l	96
17) Carbon Disulfide	2.57	76	61182	17.923	ug/l	100
18) Methyl Acetate	2.78	43	50259	30.748	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	119736	27.950	ug/l	98
20) Methylene Chloride	2.85	84	38896	25.568	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	31854	22.560	ug/l	99
22) Diisopropyl ether	3.85	45	111171	27.270	ug/l	99
23) Vinyl Acetate	3.81	43	483595	140.002	ug/l	99
24) 1,1-Dichloroethane	3.70	63	59694	25.213	ug/l	98
25) 2-Butanone	4.67	43	143207	138.974	ug/l	97
26) 2,2-Dichloropropane	4.59	77	41812	21.508	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	42100	25.763	ug/l	95
28) Bromochloromethane	5.02	49	29492	26.434	ug/l	97
29) Tetrahydrofuran	5.13	42	91141	139.630	ug/l	100
30) Chloroform	5.21	83	66275	25.898	ug/l	98
31) Cyclohexane	5.57	56	36838	17.070	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	50685	22.893	ug/l	99
36) 1,1-Dichloropropene	5.80	75	38580	18.270	ug/l	100
37) Ethyl Acetate	4.83	43	53108	24.561	ug/l	97
38) Carbon Tetrachloride	5.79	117	40498	18.405	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	37976	13.868	ug/l	98
40) Benzene	6.14	78	139601	21.582	ug/l	98
41) Methacrylonitrile	5.04	41	27790	22.640	ug/l	97
42) 1,2-Dichloroethane	6.19	62	54207	24.102	ug/l	100
43) Isopropyl Acetate	6.45	43	84783	23.846	ug/l	100
44) Trichloroethene	7.21	130	38322	20.015	ug/l	96
45) 1,2-Dichloropropane	7.51	63	36880	22.401	ug/l	100
46) Dibromomethane	7.66	93	27789	23.622	ug/l	99
47) Bromodichloromethane	7.90	83	48922	23.362	ug/l	95
48) Methyl methacrylate	7.77	41	42382	24.470	ug/l	96
49) 1,4-Dioxane	7.74	88	23699	489.159	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	289159	125.462	ug/l	100
52) Toluene	8.78	92	90552	21.310	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	51686	22.954	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	56411	22.514	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	42183	24.110	ug/l	99
56) Ethyl methacrylate	9.18	69	62867	24.564	ug/l	99
57) 1,3-Dichloropropane	9.37	76	66498	23.959	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	148910	121.888	ug/l	100
59) 2-Hexanone	9.49	43	224454	125.562	ug/l	100
60) Dibromochloromethane	9.58	129	42151	22.403	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45091	24.284	ug/l	99
64) Tetrachloroethene	9.34	164	35153	18.092	ug/l	96
65) Chlorobenzene	10.13	112	104608	20.621	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	38882	21.808	ug/l	99
67) Ethyl Benzene	10.25	91	168713	19.539	ug/l	98
68) m/p-Xylenes	10.36	106	131602	39.732	ug/l	97
69) o-Xylene	10.69	106	66652	20.619	ug/l	99
70) Styrene	10.71	104	113482	21.059	ug/l	99
71) Bromoform	10.85	173	30238	20.226	ug/l #	96
73) Isopropylbenzene	11.02	105	163384	19.422	ug/l	99
74) N-amyl acetate	10.90	43	75225	23.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	65991	23.970	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	55992m	24.922	ug/l	
77) Bromobenzene	11.26	156	50135	21.606	ug/l	97
78) n-propylbenzene	11.36	91	175719	18.905	ug/l	100
79) 2-Chlorotoluene	11.42	91	116688	20.898	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	141427	20.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16940	21.562	ug/l	89
82) 4-Chlorotoluene	11.51	91	133705	20.573	ug/l	100
83) tert-Butylbenzene	11.77	119	133370	19.316	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	145335	20.513	ug/l	99
85) sec-Butylbenzene	11.94	105	145231	17.951	ug/l	99
86) p-Isopropyltoluene	12.06	119	138479	18.514	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	83688	20.782	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84766	20.524	ug/l	97
89) n-Butylbenzene	12.38	91	109550	17.120	ug/l	100
90) Hexachloroethane	12.59	117	21580	18.292	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	87536	21.933	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13680	23.772	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53701	19.854	ug/l	99
94) Hexachlorobutadiene	13.78	225	20810	15.526	ug/l	96
95) Naphthalene	13.83	128	173360	21.705	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	55721	20.705	ug/l	99

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

