

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082418\
 Data File : VX004245.D
 Acq On : 24 Aug 2018 14:29
 Operator : JC/MD
 Sample : VX0824WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2018 11:42:52 AM

Quant Time: Aug 25 01:01:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	329640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	267371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	209617	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.50	113	181385	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	8.71	98	683115	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.14	95	253582	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78338	20.517	ug/l	99
3) Chloromethane	1.32	50	80666	19.295	ug/l	99
4) Vinyl Chloride	1.40	62	85095	19.702	ug/l	99
5) Bromomethane	1.64	94	45348	20.087	ug/l	99
6) Chloroethane	1.72	64	55964	17.572	ug/l	96
7) Trichlorofluoromethane	1.93	101	115528	19.519	ug/l	95
8) Diethyl Ether	2.19	74	50262	19.831	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70842	19.109	ug/l	99
10) Methyl Iodide	2.51	142	70612	19.705	ug/l	98
11) Tert butyl alcohol	3.07	59	91543	99.955	ug/l	100
12) 1,1-Dichloroethene	2.37	96	66966	19.176	ug/l	99
13) Acrolein	2.29	56	31917	144.553	ug/l	96
14) Allyl chloride	2.73	41	122569	19.104	ug/l	99
15) Acrylonitrile	3.15	53	214976	94.782	ug/l	100
16) Acetone	2.45	43	184510	100.369	ug/l	98
17) Carbon Disulfide	2.57	76	179466	19.007	ug/l	99
18) Methyl Acetate	2.78	43	132988	20.858	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	229247	19.920	ug/l	99
20) Methylene Chloride	2.85	84	78917	19.081	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	73143	18.923	ug/l	96
22) Diisopropyl ether	3.87	45	231462	19.322	ug/l	95
23) Vinyl Acetate	3.82	43	917313	94.478	ug/l	98
24) 1,1-Dichloroethane	3.69	63	130201	18.650	ug/l	99
25) 2-Butanone	4.70	43	280030	95.511	ug/l	99
26) 2,2-Dichloropropane	4.58	77	102609	18.739	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	83589	19.067	ug/l	99
28) Bromochloromethane	5.02	49	59601	19.283	ug/l	100
29) Tetrahydrofuran	5.15	42	174519	94.541	ug/l	98
30) Chloroform	5.21	83	134298	19.186	ug/l	98
31) Cyclohexane	5.57	56	115702	19.208	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	111888	19.169	ug/l	99
36) 1,1-Dichloropropene	5.80	75	99660	18.760	ug/l	98
37) Ethyl Acetate	4.86	43	100332	19.204	ug/l	99
38) Carbon Tetrachloride	5.78	117	96587	19.328	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	114933	18.950	ug/l	99
40) Benzene	6.14	78	309161	19.477	ug/l	99
41) Methacrylonitrile	5.06	41	57819	19.092	ug/l	98
42) 1,2-Dichloroethane	6.20	62	105704	19.522	ug/l	100
43) Isopropyl Acetate	6.46	43	157241	19.586	ug/l	99
44) Trichloroethene	7.21	130	83106	18.914	ug/l	100
45) 1,2-Dichloropropane	7.51	63	76030	19.137	ug/l	97
46) Dibromomethane	7.67	93	50727	19.177	ug/l	99
47) Bromodichloromethane	7.90	83	95560	19.414	ug/l	99
48) Methyl methacrylate	7.77	41	82466	19.198	ug/l	99
49) 1,4-Dioxane	7.76	88	38527	395.026	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	532793	91.341	ug/l	99
52) Toluene	8.79	92	198913	20.019	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	105089	19.330	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	116715	19.710	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	79561	19.835	ug/l	99
56) Ethyl methacrylate	9.18	69	109090	19.979	ug/l	98
57) 1,3-Dichloropropane	9.37	76	133954	19.813	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	280127	100.125	ug/l	100
59) 2-Hexanone	9.50	43	409028	91.916	ug/l	100
60) Dibromochloromethane	9.59	129	75151	19.230	ug/l	99
61) 1,2-Dibromoethane	9.67	107	81781	19.702	ug/l	99
64) Tetrachloroethene	9.34	164	81585	19.752	ug/l	97
65) Chlorobenzene	10.14	112	205414	19.574	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	69921	19.318	ug/l	97
67) Ethyl Benzene	10.25	91	342519	20.098	ug/l	96
68) m/p-Xylenes	10.36	106	272721	40.925	ug/l	99
69) o-Xylene	10.70	106	129593	20.559	ug/l	99
70) Styrene	10.71	104	214493	21.015	ug/l	98
71) Bromoform	10.86	173	55053	18.869	ug/l #	100
73) Isopropylbenzene	11.02	105	367314	20.917	ug/l	98
74) N-amyl acetate	10.90	43	131407	19.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	120594	19.624	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	109455m	20.128	ug/l	
77) Bromobenzene	11.26	156	98009	19.896	ug/l	98
78) n-propylbenzene	11.36	91	421084	20.849	ug/l	100
79) 2-Chlorotoluene	11.42	91	253001	20.352	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	304917	20.967	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	31376	18.721	ug/l	97
82) 4-Chlorotoluene	11.51	91	295198	20.180	ug/l	99
83) tert-Butylbenzene	11.77	119	304192	20.790	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	315340	21.124	ug/l	99
85) sec-Butylbenzene	11.94	105	360816	20.771	ug/l	100
86) p-Isopropyltoluene	12.07	119	325676	20.920	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182376	19.664	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	185878	19.008	ug/l	99
89) n-Butylbenzene	12.39	91	248846	19.658	ug/l	97
90) Hexachloroethane	12.60	117	41170	18.921	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	183648	21.665	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20356	18.806	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	118080	19.146	ug/l	96
94) Hexachlorobutadiene	13.79	225	54724	18.987	ug/l	97
95) Naphthalene	13.83	128	358373	20.544	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	126924	19.440	ug/l	99

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

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