

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004049.D
 Acq On : 15 Aug 2018 01:15
 Operator : JC/MD
 Sample : VX0814WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/15/2018 4:49:57 PM

Quant Time: Aug 15 14:45:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	300183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	450452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	258327	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	218479	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
35) Dibromofluoromethane	5.50	113	179353	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
50) Toluene-d8	8.72	98	697048	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.14	95	252190	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59449	20.34	ug/l	99
3) Chloromethane	1.32	50	68459	19.09	ug/l	100
4) Vinyl Chloride	1.40	62	75631	19.49	ug/l	98
5) Bromomethane	1.64	94	45123	22.85	ug/l	100
6) Chloroethane	1.73	64	53022	19.70	ug/l	97
7) Trichlorofluoromethane	1.93	101	106078	19.49	ug/l	98
8) Diethyl Ether	2.18	74	46401	19.53	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64796	19.08	ug/l	99
10) Methyl Iodide	2.51	142	63695	20.81	ug/l	100
11) Tert butyl alcohol	3.04	59	86227	101.24	ug/l	98
12) 1,1-Dichloroethene	2.38	96	61359	19.43	ug/l	97
13) Acrolein	2.29	56	54449	101.05	ug/l	100
14) Allyl chloride	2.73	41	111860	18.62	ug/l	97
15) Acrylonitrile	3.14	53	219749	103.48	ug/l	99
16) Acetone	2.43	43	217705	99.00	ug/l	100
17) Carbon Disulfide	2.57	76	168295	18.79	ug/l	99
18) Methyl Acetate	2.77	43	94742	19.39	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	228599	20.55	ug/l	99
20) Methylene Chloride	2.86	84	74673	20.42	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	71027	19.80	ug/l	95
22) Diisopropyl ether	3.87	45	243995	20.72	ug/l	97
23) Vinyl Acetate	3.82	43	1016668	105.13	ug/l	98
24) 1,1-Dichloroethane	3.70	63	136644	20.49	ug/l	100
25) 2-Butanone	4.70	43	346296	96.79	ug/l	100
26) 2,2-Dichloropropane	4.59	77	72697	13.71	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	77793	19.29	ug/l	98
28) Bromochloromethane	5.02	49	64404	21.05	ug/l	99
29) Tetrahydrofuran	5.15	42	177978	97.36	ug/l	98
30) Chloroform	5.21	83	132079	20.29	ug/l	98
31) Cyclohexane	5.57	56	109495	18.73	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	112517	20.69	ug/l	98
36) 1,1-Dichloropropene	5.80	75	97406	19.00	ug/l	100
37) Ethyl Acetate	4.85	43	106326	19.05	ug/l	99
38) Carbon Tetrachloride	5.79	117	94497	18.98	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106585	18.33	ug/l	98
40) Benzene	6.14	78	303510	19.72	ug/l	100
41) Methacrylonitrile	5.06	41	58685	18.77	ug/l	99
42) 1,2-Dichloroethane	6.20	62	106114	19.70	ug/l	100
43) Isopropyl Acetate	6.46	43	156771	19.05	ug/l	99
44) Trichloroethene	7.21	130	78855	18.87	ug/l	94
45) 1,2-Dichloropropane	7.52	63	77444	19.65	ug/l	100
46) Dibromomethane	7.67	93	50327	19.54	ug/l	99
47) Bromodichloromethane	7.90	83	95377	19.56	ug/l	98
48) Methyl methacrylate	7.78	41	80768	19.50	ug/l	98
49) 1,4-Dioxane	7.76	88	37781	405.16	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	684225	101.42	ug/l	99
52) Toluene	8.79	92	192096	19.73	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	96742	18.36	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	108275	18.56	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	77985	19.40	ug/l	98
56) Ethyl methacrylate	9.18	69	104204	19.06	ug/l	98
57) 1,3-Dichloropropane	9.37	76	131201	19.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	285173	102.45	ug/l	99
59) 2-Hexanone	9.50	43	516871	101.80	ug/l	98
60) Dibromochloromethane	9.59	129	73989	19.13	ug/l	99
61) 1,2-Dibromoethane	9.67	107	80940	19.75	ug/l	100
64) Tetrachloroethene	9.34	164	80687	20.48	ug/l	97
65) Chlorobenzene	10.14	112	213754	19.90	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	71051	19.40	ug/l	98
67) Ethyl Benzene	10.26	91	340203	20.00	ug/l	96
68) m/p-Xylenes	10.36	106	276948	41.59	ug/l	94
69) o-Xylene	10.70	106	129324	20.32	ug/l	98
70) Styrene	10.71	104	217803	20.33	ug/l	97
71) Bromoform	10.86	173	54966	18.92	ug/l #	99
73) Isopropylbenzene	11.02	105	356897	20.42	ug/l	97
74) N-amyl acetate	6.46	43	156771	19.07	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	120982	19.82	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	108319m	20.91	ug/l	
77) Bromobenzene	11.26	156	96366	20.00	ug/l	98
78) n-propylbenzene	11.36	91	394776	20.18	ug/l	99
79) 2-Chlorotoluene	11.42	91	244045	20.47	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	293752	20.52	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27866	16.65	ug/l	94
82) 4-Chlorotoluene	11.51	91	288263	20.45	ug/l	100
83) tert-Butylbenzene	11.77	119	286501	19.85	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	307843	20.76	ug/l	99
85) sec-Butylbenzene	11.94	105	343994	20.36	ug/l	100
86) p-Isopropyltoluene	12.07	119	309723	20.25	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	174480	18.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	178992	18.92	ug/l	99
89) n-Butylbenzene	12.39	91	238290	19.78	ug/l	99
90) Hexachloroethane	12.60	117	41168	17.99	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	164856	19.89	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20105	18.74	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	106297	18.76	ug/l	98
94) Hexachlorobutadiene	13.79	225	50614	17.82	ug/l	99
95) Naphthalene	13.83	128	336317	19.34	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	118063	19.11	ug/l	98

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

