

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002400.D
 Acq On : 08 Jun 2018 14:30
 Operator : JC/MD
 Sample : VX0608WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 9:30:31 AM

Quant Time: Jun 09 02:00:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157663	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.51	113	118172	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
50) Toluene-d8	8.72	98	445463	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
62) 4-Bromofluorobenzene	11.14	95	167247	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46469	19.48	ug/l	99
3) Chloromethane	1.32	50	52000	17.14	ug/l	100
4) Vinyl Chloride	1.40	62	57215	19.03	ug/l	96
5) Bromomethane	1.64	94	36325	19.30	ug/l	98
6) Chloroethane	1.73	64	39635	20.38	ug/l	99
7) Trichlorofluoromethane	1.93	101	98066	21.41	ug/l	96
8) Diethyl Ether	2.19	74	38657	22.42	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57012	23.06	ug/l	98
10) Methyl Iodide	2.51	142	53449	15.37	ug/l	99
11) Tert butyl alcohol	3.07	59	80324	108.20	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48143	19.71	ug/l	98
13) Acrolein	2.29	56	34064	98.63	ug/l	94
14) Allyl chloride	2.73	41	99723	18.81	ug/l	99
15) Acrylonitrile	3.15	53	163668	111.83	ug/l	100
16) Acetone	2.45	43	169769	109.51	ug/l	99
17) Carbon Disulfide	2.57	76	109785	17.05	ug/l	98
18) Methyl Acetate	2.78	43	79026	22.55	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	202923	22.54	ug/l	100
20) Methylene Chloride	2.86	84	59194	21.22	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	53553	19.88	ug/l	97
22) Diisopropyl ether	3.87	45	190369	20.62	ug/l	97
23) Vinyl Acetate	3.82	43	897526	104.42	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104289	19.90	ug/l	99
25) 2-Butanone	4.71	43	215262	95.66	ug/l	99
26) 2,2-Dichloropropane	4.59	77	69276	16.91	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	54340	18.55	ug/l	97
28) Bromochloromethane	5.02	49	47679	19.20	ug/l	98
29) Tetrahydrofuran	5.17	42	137051	94.47	ug/l	98
30) Chloroform	5.22	83	95708	18.93	ug/l	98
31) Cyclohexane	5.58	56	79637	19.22	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	80185	18.70	ug/l	98
36) 1,1-Dichloropropene	5.81	75	66019	19.30	ug/l	98
37) Ethyl Acetate	4.87	43	83307	20.25	ug/l	99
38) Carbon Tetrachloride	5.79	117	68082	19.02	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84561	20.17	ug/l	96
40) Benzene	6.15	78	203732	19.42	ug/l	98
41) Methacrylonitrile	5.06	41	47154	20.02	ug/l	99
42) 1,2-Dichloroethane	6.20	62	84653	20.31	ug/l	100
43) Isopropyl Acetate	6.47	43	138098	19.76	ug/l	100
44) Trichloroethene	7.21	130	58227	20.00	ug/l	94
45) 1,2-Dichloropropane	7.52	63	56304	19.88	ug/l	100
46) Dibromomethane	7.67	93	38694	20.16	ug/l	98
47) Bromodichloromethane	7.90	83	66699	19.21	ug/l	99
48) Methyl methacrylate	7.78	41	70280	20.02	ug/l	98
49) 1,4-Dioxane	7.76	88	28223	430.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	446807	102.67	ug/l	100
52) Toluene	8.79	92	132928	19.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	79894	19.19	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	73927	18.82	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	57576	20.98	ug/l	99
56) Ethyl methacrylate	9.18	69	88096	20.11	ug/l	98
57) 1,3-Dichloropropane	9.38	76	94612	20.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	219411	108.22	ug/l	99
59) 2-Hexanone	9.50	43	341871	101.71	ug/l	100
60) Dibromochloromethane	9.59	129	52792	19.13	ug/l	99
61) 1,2-Dibromoethane	9.68	107	59010	20.63	ug/l	100
64) Tetrachloroethene	9.34	164	64297	19.86	ug/l	95
65) Chlorobenzene	10.14	112	154460	19.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54756	19.36	ug/l	100
67) Ethyl Benzene	10.26	91	262376	20.07	ug/l	99
68) m/p-Xylenes	10.36	106	200989	39.56	ug/l	100
69) o-Xylene	10.70	106	99475	19.67	ug/l	100
70) Styrene	10.71	104	165304	20.00	ug/l	99
71) Bromoform	10.86	173	39223	17.87	ug/l #	100
73) Isopropylbenzene	11.02	105	273485	20.29	ug/l	99
74) N-amyl acetate	6.47	43	138098	19.02	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	85230	20.11	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	83938m	19.75	ug/l	
77) Bromobenzene	11.26	156	74123	19.59	ug/l	98
78) n-propylbenzene	11.37	91	308697	20.61	ug/l	100
79) 2-Chlorotoluene	11.43	91	184740	19.53	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230659	19.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19927	16.43	ug/l	87
82) 4-Chlorotoluene	11.51	91	212011	19.42	ug/l	99
83) tert-Butylbenzene	11.77	119	230134	20.44	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	236837	19.90	ug/l	99
85) sec-Butylbenzene	11.95	105	280118	21.23	ug/l	100
86) p-Isopropyltoluene	12.07	119	251119	20.89	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	133768	19.77	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	135181	19.39	ug/l	99
89) n-Butylbenzene	12.39	91	215047	21.33	ug/l	100
90) Hexachloroethane	12.60	117	33483	17.45	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	137670	19.67	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17783	19.19	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	98475	20.06	ug/l	100
94) Hexachlorobutadiene	13.79	225	53534	22.07	ug/l	99
95) Naphthalene	13.84	128	288555	20.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	103831	20.74	ug/l	99

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

