

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010117.D
 Acq On : 07 Jun 2019 18:37
 Operator : JC/SP
 Sample : VX0607WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 10:53:01 AM

Quant Time: Jun 08 03:42:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	319449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	488548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	442195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	153727	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	5.50	113	147852	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	8.71	98	561994	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.13	95	208240	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60504	20.584	ug/l	99
3) Chloromethane	1.33	50	57075	19.552	ug/l	98
4) Vinyl Chloride	1.41	62	53147	19.371	ug/l	98
5) Bromomethane	1.64	94	25201	24.341	ug/l	97
6) Chloroethane	1.72	64	29357	21.223	ug/l	95
7) Trichlorofluoromethane	1.93	101	79963	19.621	ug/l	98
8) Diethyl Ether	2.19	74	27093	19.288	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52268	18.606	ug/l	91
10) Methyl Iodide	2.51	142	83536	19.192	ug/l	97
11) Tert butyl alcohol	3.04	59	83710	109.587	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53333	18.587	ug/l	81
13) Acrolein	2.29	56	13857	99.487	ug/l	97
14) Allyl chloride	2.73	41	80316	18.544	ug/l #	87
15) Acrylonitrile	3.14	53	151331	96.924	ug/l	99
16) Acetone	2.44	43	128118	87.357	ug/l #	89
17) Carbon Disulfide	2.57	76	148775	17.945	ug/l	99
18) Methyl Acetate	2.78	43	60910	18.885	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	174275	18.905	ug/l	95
20) Methylene Chloride	2.85	84	60629	18.824	ug/l #	76
21) trans-1,2-Dichloroethene	3.17	96	58283	18.355	ug/l #	79
22) Diisopropyl ether	3.86	45	159842	19.302	ug/l #	79
23) Vinyl Acetate	3.81	43	720844	97.576	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	94566	18.808	ug/l	96
25) 2-Butanone	4.67	43	209409	95.887	ug/l #	82
26) 2,2-Dichloropropane	4.59	77	79344	17.298	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	67555	19.124	ug/l	78
28) Bromochloromethane	5.02	49	40959	18.177	ug/l #	50
29) Tetrahydrofuran	5.13	42	131892	96.097	ug/l #	73
30) Chloroform	5.21	83	98645	18.892	ug/l	99
31) Cyclohexane	5.58	56	86766	19.121	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	92351	18.813	ug/l #	93
36) 1,1-Dichloropropene	5.80	75	73649	18.478	ug/l	92
37) Ethyl Acetate	4.84	43	77388	18.661	ug/l #	90
38) Carbon Tetrachloride	5.79	117	81433	18.050	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	98961	18.233	ug/l #	83
40) Benzene	6.14	78	232596	18.872	ug/l	99
41) Methacrylonitrile	5.04	41	42488	18.940	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	74196	18.857	ug/l	97
43) Isopropyl Acetate	6.44	43	130761	18.858	ug/l #	89
44) Trichloroethene	7.21	130	67945	18.289	ug/l	86
45) 1,2-Dichloropropane	7.51	63	58932	19.104	ug/l	99
46) Dibromomethane	7.66	93	42263	18.287	ug/l	91
47) Bromodichloromethane	7.90	83	79811	18.481	ug/l	99
48) Methyl methacrylate	7.77	41	62429	19.252	ug/l #	79
49) 1,4-Dioxane	7.74	88	35660	385.696	ug/l #	81
51) 4-Methyl-2-Pentanone	8.64	43	410195	99.025	ug/l	89
52) Toluene	8.79	92	152366	18.807	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	91021	18.222	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	97007	18.115	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	63904	19.260	ug/l	96
56) Ethyl methacrylate	9.18	69	100671	19.207	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	97871	18.736	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	237026	95.928	ug/l #	86
59) 2-Hexanone	9.49	43	322729	97.716	ug/l	87
60) Dibromochloromethane	9.58	129	72573	18.492	ug/l	100
61) 1,2-Dibromoethane	9.67	107	69588	18.831	ug/l	99
64) Tetrachloroethene	9.34	164	60974	18.565	ug/l	97
65) Chlorobenzene	10.13	112	171089	18.746	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	66755	19.020	ug/l	99
67) Ethyl Benzene	10.25	91	290841	18.720	ug/l	94
68) m/p-Xylenes	10.36	106	226637	37.696	ug/l	90
69) o-Xylene	10.69	106	112681	18.854	ug/l	88
70) Styrene	10.71	104	190041	18.775	ug/l	96
71) Bromoform	10.85	173	59665	18.492	ug/l #	96
73) Isopropylbenzene	11.02	105	290809	18.735	ug/l	95
74) N-amyl acetate	10.90	43	116930	19.057	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	101303	19.065	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	86036m	19.344	ug/l	
77) Bromobenzene	11.25	156	78910	18.486	ug/l	83
78) n-propylbenzene	11.36	91	321154	18.585	ug/l	94
79) 2-Chlorotoluene	11.42	91	189759	18.283	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	244702	18.717	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	36300	18.033	ug/l #	83
82) 4-Chlorotoluene	11.51	91	219273	18.598	ug/l	91
83) tert-Butylbenzene	11.77	119	247521	18.705	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	246579	18.672	ug/l	96
85) sec-Butylbenzene	11.94	105	281521	18.261	ug/l	95
86) p-Isopropyltoluene	12.06	119	260001	18.448	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	137794	18.327	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	137066	18.084	ug/l	98
89) n-Butylbenzene	12.38	91	218991	18.051	ug/l	96
90) Hexachloroethane	12.60	117	50873	18.120	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	138934	19.007	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23724	18.974	ug/l	72

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95582	17.864	ug/l	98
94) Hexachlorobutadiene	13.78	225	41856	17.590	ug/l	99
95) Naphthalene	13.83	128	317012	18.822	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	96946	18.325	ug/l	99

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

