

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010033.D
 Acq On : 03 Jun 2019 14:04
 Operator : JC/SP
 Sample : VX0603WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 11:30:03 AM

Quant Time: Jun 04 04:16:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	164444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	258218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115243	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	106847	46.00	ug/l	0.00
Spiked Amount			Recovery	=	92.00%	
35) Dibromofluoromethane	5.50	113	78863	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	8.71	98	320810	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.13	95	115225	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40566	20.187	ug/l	98
3) Chloromethane	1.32	50	46678	17.279	ug/l	97
4) Vinyl Chloride	1.41	62	42200	17.328	ug/l	100
5) Bromomethane	1.64	94	23162	15.698	ug/l	96
6) Chloroethane	1.72	64	25504	17.013	ug/l	100
7) Trichlorofluoromethane	1.93	101	48876	18.162	ug/l	99
8) Diethyl Ether	2.19	74	21649	17.119	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30444	18.738	ug/l	98
10) Methyl Iodide	2.51	142	28889	17.679	ug/l	99
11) Tert butyl alcohol	3.04	59	61386	107.381	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31031	18.633	ug/l	99
13) Acrolein	2.29	56	36505	103.582	ug/l	99
14) Allyl chloride	2.73	41	72749	17.973	ug/l	99
15) Acrylonitrile	3.14	53	125628	91.205	ug/l	99
16) Acetone	2.45	43	123224	91.813	ug/l	98
17) Carbon Disulfide	2.57	76	86689	17.443	ug/l	100
18) Methyl Acetate	2.78	43	59013	18.897	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	116414	18.515	ug/l	99
20) Methylene Chloride	2.85	84	37161	18.081	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	32434	17.503	ug/l	97
22) Diisopropyl ether	3.85	45	144114	18.712	ug/l	96
23) Vinyl Acetate	3.82	43	623944	90.183	ug/l	98
24) 1,1-Dichloroethane	3.70	63	68242	18.284	ug/l	99
25) 2-Butanone	4.67	43	192298	91.964	ug/l	100
26) 2,2-Dichloropropane	4.59	77	49104	17.392	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	38900	18.186	ug/l	96
28) Bromochloromethane	5.02	49	34050	17.581	ug/l	97
29) Tetrahydrofuran	5.13	42	123264	91.927	ug/l	97
30) Chloroform	5.21	83	63065	18.736	ug/l	98
31) Cyclohexane	5.58	56	66303	18.756	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	52536	19.165	ug/l	100
36) 1,1-Dichloropropene	5.80	75	47824	18.254	ug/l	100
37) Ethyl Acetate	4.84	43	68884	18.870	ug/l	99
38) Carbon Tetrachloride	5.79	117	43026	19.005	ug/l	98

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39) Methylcyclohexane	7.46	83	58068	18.685	ug/l	97
40) Benzene	6.14	78	148107	19.057	ug/l	100
41) Methacrylonitrile	5.04	41	39348	18.446	ug/l	98
42) 1,2-Dichloroethane	6.20	62	54283	18.893	ug/l	99
43) Isopropyl Acetate	6.45	43	108293	18.385	ug/l	99
44) Trichloroethene	7.21	130	35112	18.599	ug/l	94
45) 1,2-Dichloropropane	7.51	63	41872	18.716	ug/l	99
46) Dibromomethane	7.66	93	24466	18.578	ug/l	99
47) Bromodichloromethane	7.90	83	47987	19.162	ug/l	97
48) Methyl methacrylate	7.77	41	54713	18.764	ug/l	98
49) 1,4-Dioxane	7.74	88	21624	398.683	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	367697	95.962	ug/l	100
52) Toluene	8.79	92	90826	19.248	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	53841	17.927	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	61116	18.677	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	36538	19.238	ug/l	97
56) Ethyl methacrylate	9.18	69	65746	19.444	ug/l	99
57) 1,3-Dichloropropane	9.37	76	64079	18.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	160024	90.254	ug/l	98
59) 2-Hexanone	9.49	43	288198	97.693	ug/l	99
60) Dibromochloromethane	9.58	129	35332	18.911	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37309	19.121	ug/l	99
64) Tetrachloroethene	9.34	164	33050	20.002	ug/l	98
65) Chlorobenzene	10.14	112	94458	19.073	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	33165	19.308	ug/l	98
67) Ethyl Benzene	10.25	91	171027	19.234	ug/l	99
68) m/p-Xylenes	10.36	106	126078	38.380	ug/l	99
69) o-Xylene	10.70	106	61491	19.518	ug/l	98
70) Styrene	10.71	104	108266	19.598	ug/l	99
71) Bromoform	10.85	173	27300	19.444	ug/l #	97
73) Isopropylbenzene	11.02	105	165402	19.452	ug/l	100
74) N-amyl acetate	10.90	43	96078	18.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	61013	19.234	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53280m	19.334	ug/l	
77) Bromobenzene	11.26	156	41811	19.295	ug/l	95
78) n-propylbenzene	11.36	91	188105	19.193	ug/l	100
79) 2-Chlorotoluene	11.42	91	114516	19.124	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	139313	19.448	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19905	17.871	ug/l	95
82) 4-Chlorotoluene	11.51	91	129181	18.532	ug/l	98
83) tert-Butylbenzene	11.77	119	133266	19.446	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	140373	19.296	ug/l	99
85) sec-Butylbenzene	11.94	105	159518	19.565	ug/l	100
86) p-Isopropyltoluene	12.06	119	144686	19.730	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	73164	18.965	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	72016	18.304	ug/l	98
89) n-Butylbenzene	12.38	91	128461	18.639	ug/l	100
90) Hexachloroethane	12.60	117	24156	19.194	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	73824	19.409	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14048	18.814	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51113	18.805	ug/l	99
94) Hexachlorobutadiene	13.78	225	26105	19.148	ug/l	99
95) Naphthalene	13.83	128	163618	19.344	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	52263	19.209	ug/l	99

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

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