

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010054.D
 Acq On : 04 Jun 2019 12:02
 Operator : JC/SP
 Sample : VX0604WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 9:26:33 AM

Quant Time: Jun 05 07:33:08 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	5.66	168	168096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	258984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110449	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
35) Dibromofluoromethane	5.49	113	79652	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	8.71	98	328231	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	119054	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41527	20.217	ug/l	99
3) Chloromethane	1.32	50	46066	16.682	ug/l	99
4) Vinyl Chloride	1.41	62	41924	16.841	ug/l	100
5) Bromomethane	1.64	94	23622	15.662	ug/l	98
6) Chloroethane	1.72	64	25029	16.333	ug/l	99
7) Trichlorofluoromethane	1.93	101	49727	18.077	ug/l	97
8) Diethyl Ether	2.19	74	21367	16.529	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31073	18.709	ug/l	96
10) Methyl Iodide	2.51	142	31032	18.341	ug/l	99
11) Tert butyl alcohol	3.04	59	51317	87.817	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31062	18.246	ug/l	97
13) Acrolein	2.29	56	29268	85.793	ug/l	99
14) Allyl chloride	2.73	41	72908	17.621	ug/l	99
15) Acrylonitrile	3.14	53	121898	86.575	ug/l	100
16) Acetone	2.44	43	121782	88.767	ug/l	100
17) Carbon Disulfide	2.57	76	86602	17.056	ug/l	99
18) Methyl Acetate	2.77	43	56812	17.797	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	116769	18.168	ug/l	99
20) Methylene Chloride	2.85	84	37121	17.669	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	33507	17.690	ug/l	99
22) Diisopropyl ether	3.85	45	143090	18.176	ug/l	90
23) Vinyl Acetate	3.81	43	623537	88.166	ug/l	99
24) 1,1-Dichloroethane	3.70	63	68477	17.949	ug/l	100
25) 2-Butanone	4.67	43	185291	86.688	ug/l	99
26) 2,2-Dichloropropane	4.58	77	51523	17.853	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	37914	17.340	ug/l	99
28) Bromochloromethane	5.01	49	33749	17.047	ug/l	97
29) Tetrahydrofuran	5.12	42	119352	87.076	ug/l	99
30) Chloroform	5.21	83	63317	18.402	ug/l	98
31) Cyclohexane	5.57	56	67068	18.561	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	53061	18.936	ug/l	99
36) 1,1-Dichloropropene	5.80	75	48123	18.314	ug/l	99
37) Ethyl Acetate	4.83	43	67370	18.400	ug/l	98
38) Carbon Tetrachloride	5.79	117	44936	19.790	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61395	19.697	ug/l	94
40) Benzene	6.14	78	148791	19.088	ug/l	98
41) Methacrylonitrile	5.03	41	38295	17.899	ug/l	99
42) 1,2-Dichloroethane	6.19	62	54678	18.974	ug/l	99
43) Isopropyl Acetate	6.44	43	106863	18.089	ug/l	98
44) Trichloroethene	7.21	130	35890	18.955	ug/l	95
45) 1,2-Dichloropropane	7.51	63	41872	18.660	ug/l	97
46) Dibromomethane	7.66	93	24269	18.374	ug/l	99
47) Bromodichloromethane	7.90	83	48213	19.196	ug/l	97
48) Methyl methacrylate	7.77	41	53666	18.350	ug/l	99
49) 1,4-Dioxane	7.74	88	21039	386.750	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	354172	92.158	ug/l	100
52) Toluene	8.78	92	91889	19.415	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	54864	18.214	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	61229	18.656	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	36113	18.958	ug/l	98
56) Ethyl methacrylate	9.18	69	65013	19.171	ug/l	99
57) 1,3-Dichloropropane	9.37	76	64330	18.805	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	171526	96.455	ug/l	99
59) 2-Hexanone	9.49	43	281201	95.039	ug/l	99
60) Dibromochloromethane	9.58	129	35587	18.992	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37243	19.031	ug/l	99
64) Tetrachloroethene	9.34	164	33401	20.180	ug/l	96
65) Chlorobenzene	10.13	112	94190	18.987	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	34408	19.998	ug/l	99
67) Ethyl Benzene	10.25	91	174342	19.574	ug/l	99
68) m/p-Xylenes	10.35	106	129027	39.212	ug/l	99
69) o-Xylene	10.69	106	61237	19.405	ug/l	99
70) Styrene	10.71	104	107754	19.472	ug/l	99
71) Bromoform	10.85	173	27270	19.390	ug/l #	98
73) Isopropylbenzene	11.02	105	168554	19.382	ug/l	100
74) N-amyl acetate	10.90	43	93632	18.018	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	59932	18.473	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53393m	18.944	ug/l	
77) Bromobenzene	11.25	156	41451	18.703	ug/l	98
78) n-propylbenzene	11.36	91	193222	19.276	ug/l	99
79) 2-Chlorotoluene	11.42	91	115547	18.867	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143631	19.605	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19734	17.323	ug/l	94
82) 4-Chlorotoluene	11.51	91	133159	18.677	ug/l	99
83) tert-Butylbenzene	11.77	119	137335	19.594	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	143957	19.348	ug/l	99
85) sec-Butylbenzene	11.94	105	164292	19.703	ug/l	100
86) p-Isopropyltoluene	12.06	119	152414	20.321	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74968	19.000	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	75470	18.755	ug/l	99
89) n-Butylbenzene	12.38	91	137207	19.466	ug/l	99
90) Hexachloroethane	12.60	117	24856	19.311	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	75804	19.486	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14149	18.528	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55108	19.823	ug/l	99
94) Hexachlorobutadiene	13.78	225	28031	20.103	ug/l	100
95) Naphthalene	13.83	128	169890	19.638	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54804	19.695	ug/l	98

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

