

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010506.D
 Acq On : 27 Jun 2019 23:53
 Operator : JC/SP
 Sample : VX0627WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:36:36 AM

Quant Time: Jun 28 07:59:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	246238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171645	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116743	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	113067	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	8.71	98	425807	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	151415	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31434	18.362	ug/l	98
3) Chloromethane	1.32	50	34941	17.528	ug/l	99
4) Vinyl Chloride	1.41	62	39906	18.277	ug/l	100
5) Bromomethane	1.64	94	24733	23.252	ug/l	96
6) Chloroethane	1.72	64	25924	20.125	ug/l	100
7) Trichlorofluoromethane	1.93	101	70073	20.245	ug/l	100
8) Diethyl Ether	2.19	74	25803	20.788	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40792	19.448	ug/l	100
10) Methyl Iodide	2.51	142	55689	18.604	ug/l	98
11) Tert butyl alcohol	3.05	59	56761	93.957	ug/l	97
12) 1,1-Dichloroethene	2.37	96	39833	18.663	ug/l	100
13) Acrolein	2.29	56	27779	69.316	ug/l	99
14) Allyl chloride	2.73	41	57066	18.833	ug/l	99
15) Acrylonitrile	3.14	53	126052	105.387	ug/l	99
16) Acetone	2.45	43	102499	88.585	ug/l	97
17) Carbon Disulfide	2.57	76	91927	16.054	ug/l	97
18) Methyl Acetate	2.78	43	49359	21.404	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	136678	20.356	ug/l	97
20) Methylene Chloride	2.85	84	47262	19.848	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	44210	19.259	ug/l	99
22) Diisopropyl ether	3.85	45	126559	19.977	ug/l	99
23) Vinyl Acetate	3.81	43	540857	98.822	ug/l	99
24) 1,1-Dichloroethane	3.70	63	73627	20.105	ug/l	98
25) 2-Butanone	4.67	43	169640	99.949	ug/l	97
26) 2,2-Dichloropropane	4.59	77	45653	14.351	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	52878	19.934	ug/l	96
28) Bromochloromethane	5.03	49	29780	17.008	ug/l	99
29) Tetrahydrofuran	5.13	42	107949	102.682	ug/l	97
30) Chloroform	5.21	83	78480	19.918	ug/l	98
31) Cyclohexane	5.58	56	62875	18.854	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	67667	19.449	ug/l	98
36) 1,1-Dichloropropene	5.80	75	54347	18.492	ug/l	99
37) Ethyl Acetate	4.83	43	62403	20.640	ug/l	99
38) Carbon Tetrachloride	5.79	117	57197	17.973	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68718	17.788	ug/l	99
40) Benzene	6.15	78	181907	19.868	ug/l	99
41) Methacrylonitrile	5.04	41	34029	20.513	ug/l	97
42) 1,2-Dichloroethane	6.20	62	57911	20.778	ug/l	99
43) Isopropyl Acetate	6.45	43	100981	20.188	ug/l	98
44) Trichloroethene	7.21	130	53628	19.574	ug/l	97
45) 1,2-Dichloropropane	7.51	63	45668	19.751	ug/l	99
46) Dibromomethane	7.66	93	33258	20.048	ug/l	99
47) Bromodichloromethane	7.90	83	58137	19.123	ug/l	99
48) Methyl methacrylate	7.77	41	46737	20.101	ug/l	99
49) 1,4-Dioxane	7.74	88	29867	445.914	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	335864	104.984	ug/l	99
52) Toluene	8.78	92	118401	19.637	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	59352	17.413	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	66941	18.073	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	50031	20.119	ug/l	99
56) Ethyl methacrylate	9.18	69	73652	19.552	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77265	20.016	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	170885	95.516	ug/l	99
59) 2-Hexanone	9.49	43	259908	103.225	ug/l	99
60) Dibromochloromethane	9.58	129	51336	18.438	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52690	19.630	ug/l	100
64) Tetrachloroethene	9.34	164	55835	20.729	ug/l	99
65) Chlorobenzene	10.14	112	133804	19.791	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	48368	19.640	ug/l	98
67) Ethyl Benzene	10.25	91	226591	19.852	ug/l	99
68) m/p-Xylenes	10.36	106	176042	39.805	ug/l	99
69) o-Xylene	10.69	106	86826	19.963	ug/l	98
70) Styrene	10.71	104	145598	19.962	ug/l	99
71) Bromoform	10.85	173	38137	17.808	ug/l #	99
73) Isopropylbenzene	11.02	105	226727	19.486	ug/l	99
74) N-amyl acetate	10.90	43	88456	20.116	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77080	20.003	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	63603m	20.335	ug/l	
77) Bromobenzene	11.26	156	63640	19.588	ug/l	98
78) n-propylbenzene	11.36	91	247316	19.340	ug/l	100
79) 2-Chlorotoluene	11.42	91	146989	19.303	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	187715	19.570	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19589	14.611	ug/l	91
82) 4-Chlorotoluene	11.51	91	168024	19.391	ug/l	98
83) tert-Butylbenzene	11.77	119	186598	19.382	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	191432	19.864	ug/l	100
85) sec-Butylbenzene	11.94	105	219333	19.403	ug/l	99
86) p-Isopropyltoluene	12.06	119	200159	19.144	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	108673	19.162	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	111097	19.242	ug/l	99
89) n-Butylbenzene	12.38	91	163494	18.402	ug/l	100
90) Hexachloroethane	12.60	117	30995	17.144	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	112604	19.978	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15146	18.231	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	76157	19.483	ug/l	99
94) Hexachlorobutadiene	13.78	225	36269	18.985	ug/l	97
95) Naphthalene	13.83	128	240361	20.010	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	77684	19.989	ug/l	99

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

