

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010403.D
 Acq On : 24 Jun 2019 11:21
 Operator : JC/SP
 Sample : VX0624WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2019 9:01:19 AM

Quant Time: Jun 25 03:50:07 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	292590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	423432	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	382373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198071	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	137125	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	5.49	113	136272	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	8.71	98	522677	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	11.13	95	185060	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40984	20.148	ug/l	100
3) Chloromethane	1.33	50	44533	18.801	ug/l	96
4) Vinyl Chloride	1.41	62	48160	18.563	ug/l	98
5) Bromomethane	1.64	94	26156	20.694	ug/l	99
6) Chloroethane	1.72	64	30999	20.252	ug/l	95
7) Trichlorofluoromethane	1.93	101	83958	20.414	ug/l	99
8) Diethyl Ether	2.19	74	29199	19.797	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50725	20.352	ug/l	97
10) Methyl Iodide	2.51	142	57566	16.184	ug/l	99
11) Tert butyl alcohol	3.04	59	67268	93.709	ug/l	98
12) 1,1-Dichloroethene	2.37	96	48896	19.280	ug/l	97
13) Acrolein	2.29	56	36755	77.185	ug/l	99
14) Allyl chloride	2.73	41	72301	20.081	ug/l	99
15) Acrylonitrile	3.14	53	139710	98.302	ug/l	99
16) Acetone	2.44	43	141085	102.617	ug/l	97
17) Carbon Disulfide	2.57	76	128233	18.847	ug/l	99
18) Methyl Acetate	2.78	43	54075	19.734	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	161985	20.303	ug/l	100
20) Methylene Chloride	2.85	84	56715	20.045	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	54527	19.991	ug/l	95
22) Diisopropyl ether	3.85	45	151434	20.116	ug/l	94
23) Vinyl Acetate	3.81	43	665636	102.353	ug/l	99
24) 1,1-Dichloroethane	3.70	63	86717	19.929	ug/l	99
25) 2-Butanone	4.67	43	200184	99.260	ug/l	100
26) 2,2-Dichloropropane	4.58	77	78272	20.707	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	63925	20.281	ug/l	99
28) Bromochloromethane	5.01	49	35524	17.075	ug/l	100
29) Tetrahydrofuran	5.12	42	117049	93.700	ug/l	97
30) Chloroform	5.21	83	94629	20.212	ug/l	96
31) Cyclohexane	5.58	56	79731	20.121	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	85143	20.595	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68824	20.454	ug/l	99
37) Ethyl Acetate	4.83	43	70932	20.491	ug/l	98
38) Carbon Tetrachloride	5.78	117	76242	20.925	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93541	21.149	ug/l	96
40) Benzene	6.14	78	218607	20.853	ug/l	100
41) Methacrylonitrile	5.04	41	37187	19.579	ug/l	94
42) 1,2-Dichloroethane	6.19	62	68521	21.473	ug/l	100
43) Isopropyl Acetate	6.44	43	118024	20.608	ug/l	100
44) Trichloroethene	7.21	130	65267	20.807	ug/l	99
45) 1,2-Dichloropropane	7.51	63	54743	20.679	ug/l	99
46) Dibromomethane	7.66	93	39200	20.639	ug/l	99
47) Bromodichloromethane	7.89	83	73967	21.250	ug/l	98
48) Methyl methacrylate	7.76	41	55031	20.672	ug/l	99
49) 1,4-Dioxane	7.74	88	31668	412.951	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	371676	101.471	ug/l	100
52) Toluene	8.78	92	144849	20.982	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	80428	20.610	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	89531	21.112	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	60324	21.188	ug/l	97
56) Ethyl methacrylate	9.18	69	88005	20.404	ug/l	99
57) 1,3-Dichloropropane	9.37	76	92747	20.985	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	206954	101.033	ug/l	99
59) 2-Hexanone	9.49	43	297537	103.211	ug/l	99
60) Dibromochloromethane	9.58	129	66106	20.737	ug/l	99
61) 1,2-Dibromoethane	9.67	107	63542	20.677	ug/l	99
64) Tetrachloroethene	9.34	164	65956	21.326	ug/l	98
65) Chlorobenzene	10.13	112	163997	21.126	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	60803	21.503	ug/l	99
67) Ethyl Benzene	10.25	91	277545	21.178	ug/l	99
68) m/p-Xylenes	10.35	106	214981	42.335	ug/l	99
69) o-Xylene	10.69	106	105325	21.091	ug/l	98
70) Styrene	10.71	104	179731	21.461	ug/l	99
71) Bromoform	10.85	173	51361	20.887	ug/l #	99
73) Isopropylbenzene	11.02	105	281706	20.981	ug/l	99
74) N-amyl acetate	10.90	43	104140	20.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	89574	20.144	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	75911m	21.032	ug/l	
77) Bromobenzene	11.25	156	76595	20.430	ug/l	99
78) n-propylbenzene	11.36	91	310796	21.061	ug/l	100
79) 2-Chlorotoluene	11.42	91	182768	20.799	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	233001	21.050	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30310	19.591	ug/l	98
82) 4-Chlorotoluene	11.51	91	209236	20.926	ug/l	99
83) tert-Butylbenzene	11.77	119	235065	21.159	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	235240	21.153	ug/l	99
85) sec-Butylbenzene	11.94	105	276521	21.199	ug/l	99
86) p-Isopropyltoluene	12.06	119	256913	21.293	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	136950	20.926	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	135453	20.331	ug/l	99
89) n-Butylbenzene	12.38	91	218047	21.267	ug/l	100
90) Hexachloroethane	12.59	117	44498	21.329	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	134849	20.732	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18699	19.504	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94885	21.036	ug/l	99
94) Hexachlorobutadiene	13.78	225	45901	20.822	ug/l	97
95) Naphthalene	13.83	128	285364	20.587	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96067	21.421	ug/l	100

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

