

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010427.D
 Acq On : 25 Jun 2019 10:35
 Operator : JC/SP
 Sample : VX0625WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:49:38 AM

Quant Time: Jun 26 01:31:32 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	274058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	399358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	362034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186635	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124586	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	5.49	113	126193	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	8.71	98	473025	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.13	95	168070	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34270	17.986	ug/l	98
3) Chloromethane	1.33	50	38406	17.311	ug/l	96
4) Vinyl Chloride	1.41	62	42165	17.351	ug/l	97
5) Bromomethane	1.64	94	24624	20.799	ug/l	93
6) Chloroethane	1.72	64	27819	19.404	ug/l	99
7) Trichlorofluoromethane	1.93	101	72125	18.723	ug/l	98
8) Diethyl Ether	2.19	74	25519	18.472	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44375	19.008	ug/l	99
10) Methyl Iodide	2.51	142	50807	15.250	ug/l	99
11) Tert butyl alcohol	3.04	59	60039	89.294	ug/l	98
12) 1,1-Dichloroethene	2.37	96	43522	18.321	ug/l	96
13) Acrolein	2.29	56	33915	76.037	ug/l	99
14) Allyl chloride	2.73	41	62737	18.603	ug/l	99
15) Acrylonitrile	3.14	53	124362	93.420	ug/l	99
16) Acetone	2.44	43	119552	92.835	ug/l	98
17) Carbon Disulfide	2.57	76	107513	16.870	ug/l	99
18) Methyl Acetate	2.77	43	46761	18.219	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	141799	18.975	ug/l	100
20) Methylene Chloride	2.85	84	49353	18.622	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	45985	17.999	ug/l	98
22) Diisopropyl ether	3.85	45	130977	18.575	ug/l	95
23) Vinyl Acetate	3.81	43	585153	96.062	ug/l	100
24) 1,1-Dichloroethane	3.70	63	76790	18.840	ug/l	98
25) 2-Butanone	4.67	43	174789	92.529	ug/l	99
26) 2,2-Dichloropropane	4.58	77	66348	18.739	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	54560	18.480	ug/l	99
28) Bromochloromethane	5.01	49	34960	17.940	ug/l	98
29) Tetrahydrofuran	5.12	42	105040	89.772	ug/l	98
30) Chloroform	5.21	83	81237	18.525	ug/l	99
31) Cyclohexane	5.57	56	69341	18.682	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	72477	18.717	ug/l	99
36) 1,1-Dichloropropene	5.80	75	58402	18.403	ug/l	99
37) Ethyl Acetate	4.83	43	61541	18.850	ug/l	99
38) Carbon Tetrachloride	5.78	117	65800	19.147	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79227	18.992	ug/l	96
40) Benzene	6.14	78	188402	19.056	ug/l	99
41) Methacrylonitrile	5.03	41	33030	18.439	ug/l	97
42) 1,2-Dichloroethane	6.19	62	59404	19.738	ug/l	100
43) Isopropyl Acetate	6.44	43	102385	18.955	ug/l	100
44) Trichloroethene	7.21	130	57255	19.353	ug/l	97
45) 1,2-Dichloropropane	7.51	63	48821	19.554	ug/l	97
46) Dibromomethane	7.66	93	34947	19.509	ug/l	96
47) Bromodichloromethane	7.90	83	63272	19.273	ug/l	98
48) Methyl methacrylate	7.77	41	47783	19.032	ug/l	99
49) 1,4-Dioxane	7.74	88	27753	383.715	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	329921	95.502	ug/l	99
52) Toluene	8.78	92	122978	18.888	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	69760	18.954	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	76405	19.103	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51568	19.204	ug/l	99
56) Ethyl methacrylate	9.18	69	77187	18.975	ug/l	100
57) 1,3-Dichloropropane	9.37	76	80415	19.292	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	183198	94.827	ug/l	100
59) 2-Hexanone	9.49	43	262068	96.387	ug/l	99
60) Dibromochloromethane	9.58	129	55720	18.533	ug/l	99
61) 1,2-Dibromoethane	9.67	107	54468	18.792	ug/l	99
64) Tetrachloroethene	9.34	164	57074	19.491	ug/l	93
65) Chlorobenzene	10.13	112	140944	19.176	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	52144	19.477	ug/l	99
67) Ethyl Benzene	10.25	91	241576	19.469	ug/l	99
68) m/p-Xylenes	10.36	106	186498	38.790	ug/l	99
69) o-Xylene	10.69	106	92165	19.493	ug/l	98
70) Styrene	10.71	104	151755	19.138	ug/l	99
71) Bromoform	10.85	173	43206	18.558	ug/l	99
73) Isopropylbenzene	11.02	105	241141	19.060	ug/l	100
74) N-amyl acetate	10.90	43	90383	18.903	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	79745	19.033	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	67086m	19.725	ug/l	
77) Bromobenzene	11.25	156	66502	18.825	ug/l	99
78) n-propylbenzene	11.36	91	269362	19.372	ug/l	99
79) 2-Chlorotoluene	11.42	91	160321	19.363	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	203555	19.517	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25363	17.398	ug/l	99
82) 4-Chlorotoluene	11.51	91	180626	19.171	ug/l	98
83) tert-Butylbenzene	11.77	119	201240	19.224	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	205708	19.631	ug/l	99
85) sec-Butylbenzene	11.94	105	240721	19.585	ug/l	99
86) p-Isopropyltoluene	12.06	119	220999	19.439	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	117404	19.039	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118146	18.820	ug/l	99
89) n-Butylbenzene	12.38	91	186583	19.314	ug/l	100
90) Hexachloroethane	12.60	117	36327	18.479	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	117546	19.180	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15905	17.607	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	82629	19.441	ug/l	98
94) Hexachlorobutadiene	13.78	225	40645	19.567	ug/l	99
95) Naphthalene	13.83	128	245479	18.795	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	80349	19.014	ug/l	98

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

