

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091520\
 Data File : VX018403.D
 Acq On : 15 Sep 2020 13:46
 Operator : JC/SP
 Sample : VX0915WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/16/2020 11:45:06 AM

Quant Time: Sep 16 03:54:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	430979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	657115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	602452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	337784	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	288921	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	5.46	113	221260	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	8.70	98	772386	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
62) 4-Bromofluorobenzene	11.12	95	301162	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	83038	15.825	ug/l	98
3) Chloromethane	1.31	50	78773	14.239	ug/l	94
4) Vinyl Chloride	1.39	62	84531	15.350	ug/l	96
5) Bromomethane	1.63	94	59557	22.422	ug/l	92
6) Chloroethane	1.72	64	50436	17.052	ug/l	90
7) Trichlorofluoromethane	1.92	101	142208	18.938	ug/l	97
8) Diethyl Ether	2.17	74	46349	18.201	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75027	18.481	ug/l	96
10) Methyl Iodide	2.50	142	73059	20.329	ug/l	96
11) Tert butyl alcohol	3.01	59	89576	77.000	ug/l	97
12) 1,1-Dichloroethene	2.36	96	72110	17.121	ug/l	99
13) Acrolein	2.27	56	51684	107.147	ug/l	99
14) Allyl chloride	2.71	41	126872	16.767	ug/l	97
15) Acrylonitrile	3.11	53	204499	77.495	ug/l	99
16) Acetone	2.42	43	192219	82.449	ug/l	95
17) Carbon Disulfide	2.55	76	184205	14.468	ug/l	99
18) Methyl Acetate	2.75	43	106053	18.851	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	257415	17.821	ug/l	99
20) Methylene Chloride	2.84	84	83986	16.844	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	77556	16.621	ug/l	99
22) Diisopropyl ether	3.82	45	258536	17.311	ug/l	99
23) Vinyl Acetate	3.78	43	1092826	82.235	ug/l	100
24) 1,1-Dichloroethane	3.67	63	150500	17.703	ug/l	98
25) 2-Butanone	4.63	43	288802	75.375	ug/l	98
26) 2,2-Dichloropropane	4.55	77	140743	20.347	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	88549	16.470	ug/l	98
28) Bromochloromethane	4.98	49	71067	17.318	ug/l	95
29) Tetrahydrofuran	5.09	42	177027	72.579	ug/l	98
30) Chloroform	5.18	83	157962	17.944	ug/l	98
31) Cyclohexane	5.55	56	113167	15.802	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	145739	18.041	ug/l	99
36) 1,1-Dichloropropene	5.76	75	110705	18.266	ug/l	99
37) Ethyl Acetate	4.79	43	108794	15.455	ug/l	98
38) Carbon Tetrachloride	5.76	117	133904	19.604	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	115214	17.385	ug/l	98
40) Benzene	6.11	78	313515	17.604	ug/l	98
41) Methacrylonitrile	4.99	41	59399	15.368	ug/l #	93
42) 1,2-Dichloroethane	6.16	62	133515	19.567	ug/l	97
43) Isopropyl Acetate	6.41	43	185676	16.331	ug/l	98
44) Trichloroethene	7.18	130	91366	18.156	ug/l	98
45) 1,2-Dichloropropane	7.49	63	85601	17.834	ug/l	96
46) Dibromomethane	7.63	93	61115	18.106	ug/l	99
47) Bromodichloromethane	7.87	83	126581	18.782	ug/l	95
48) Methyl methacrylate	7.74	41	91479	16.162	ug/l	97
49) 1,4-Dioxane	7.71	88	31391	306.176	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	578305	82.341	ug/l	99
52) Toluene	8.76	92	199773	17.690	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	136557	18.282	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	145866	18.435	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	88471	18.369	ug/l	95
56) Ethyl methacrylate	9.16	69	118489	16.549	ug/l	97
57) 1,3-Dichloropropane	9.35	76	140518	17.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	295878	91.863	ug/l	100
59) 2-Hexanone	9.47	43	429052	80.341	ug/l	99
60) Dibromochloromethane	9.56	129	103511	18.321	ug/l	99
61) 1,2-Dibromoethane	9.65	107	92536	17.697	ug/l	99
64) Tetrachloroethene	9.32	164	84271	19.035	ug/l	95
65) Chlorobenzene	10.12	112	226665	18.838	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	92062	19.413	ug/l	97
67) Ethyl Benzene	10.23	91	382517	18.694	ug/l	95
68) m/p-Xylenes	10.34	106	291016	38.104	ug/l	99
69) o-Xylene	10.68	106	133451	18.025	ug/l	96
70) Styrene	10.70	104	230884	18.312	ug/l	97
71) Bromoform	10.84	173	76317	18.867	ug/l #	99
73) Isopropylbenzene	11.00	105	382629	17.173	ug/l	100
74) N-amyl acetate	10.88	43	153280	14.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	126105	16.044	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	121501m	16.170	ug/l	
77) Bromobenzene	11.24	156	101069	16.410	ug/l	98
78) n-propylbenzene	11.34	91	431927	17.073	ug/l	100
79) 2-Chlorotoluene	11.40	91	268882	17.203	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	327072	17.864	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	43116	15.497	ug/l	96
82) 4-Chlorotoluene	11.49	91	319965	17.220	ug/l	99
83) tert-Butylbenzene	11.76	119	314069	17.382	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	335786	17.938	ug/l	100
85) sec-Butylbenzene	11.93	105	367210	17.871	ug/l	100
86) p-Isopropyltoluene	12.05	119	346359	18.351	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	186397	17.238	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	195702	18.076	ug/l	98
89) n-Butylbenzene	12.37	91	303562	17.621	ug/l	99
90) Hexachloroethane	12.58	117	70288	18.928	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	175881	17.279	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	29278	14.898	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	119899	17.665	ug/l	96
94) Hexachlorobutadiene	13.76	225	50819	18.982	ug/l	96
95) Naphthalene	13.82	128	339482	15.198	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	119439	17.809	ug/l	95

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

