

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016821.D
 Acq On : 17 Jun 2020 16:58
 Operator : JC/SP
 Sample : VX0617WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:16:28 AM

Quant Time: Jun 18 01:27:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	309266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	463575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	479312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158542	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
35) Dibromofluoromethane	5.47	113	132707	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
50) Toluene-d8	8.70	98	511709	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.12	95	204016	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	60505	17.412	ug/l	100
3) Chloromethane	1.31	50	53760	15.924	ug/l	100
4) Vinyl Chloride	1.39	62	62237	17.277	ug/l	98
5) Bromomethane	1.63	94	39905	17.837	ug/l	97
6) Chloroethane	1.72	64	38984	17.568	ug/l	98
7) Trichlorofluoromethane	1.92	101	87320	16.830	ug/l	100
8) Diethyl Ether	2.17	74	33969	16.033	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47867	18.134	ug/l	96
10) Methyl Iodide	2.50	142	39889	12.090	ug/l	98
11) Tert butyl alcohol	3.01	59	60447	69.169	ug/l	98
12) 1,1-Dichloroethene	2.36	96	48957	16.196	ug/l	98
13) Acrolein	2.27	56	21206	58.770	ug/l	97
14) Allyl chloride	2.71	41	67575	14.294	ug/l	96
15) Acrylonitrile	3.12	53	125511	70.778	ug/l	99
16) Acetone	2.42	43	136556	86.541	ug/l	98
17) Carbon Disulfide	2.55	76	123148	14.225	ug/l	100
18) Methyl Acetate	2.75	43	63752	15.137	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	142542	13.836	ug/l	96
20) Methylene Chloride	2.84	84	46812	13.773	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	45500	14.008	ug/l	99
22) Diisopropyl ether	3.83	45	129908	14.629	ug/l	93
23) Vinyl Acetate	3.79	43	547308	71.308	ug/l	100
24) 1,1-Dichloroethane	3.67	63	78438	14.123	ug/l	98
25) 2-Butanone	4.64	43	173448	72.935	ug/l	96
26) 2,2-Dichloropropane	4.56	77	72561	14.109	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	52779	14.216	ug/l	98
28) Bromochloromethane	4.98	49	41025	17.316	ug/l	98
29) Tetrahydrofuran	5.09	42	112276	72.880	ug/l	99
30) Chloroform	5.18	83	81726	13.909	ug/l	98
31) Cyclohexane	5.56	56	67683	15.618	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	75746	14.206	ug/l	99
36) 1,1-Dichloropropene	5.78	75	61390	14.985	ug/l	100
37) Ethyl Acetate	4.80	43	65483	14.596	ug/l	100
38) Carbon Tetrachloride	5.76	117	67626	14.535	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	69266	15.256	ug/l	96
40) Benzene	6.12	78	184809	14.816	ug/l	98
41) Methacrylonitrile	5.01	41	36381	15.209	ug/l	98
42) 1,2-Dichloroethane	6.17	62	63658	13.983	ug/l	99
43) Isopropyl Acetate	6.42	43	103067	14.658	ug/l	100
44) Trichloroethene	7.20	130	59494	15.420	ug/l	97
45) 1,2-Dichloropropane	7.49	63	45842	14.993	ug/l	99
46) Dibromomethane	7.64	93	32533	14.598	ug/l	98
47) Bromodichloromethane	7.88	83	64352	13.851	ug/l	100
48) Methyl methacrylate	7.75	41	49409	14.826	ug/l	98
49) 1,4-Dioxane	7.71	88	24434	296.265	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	329435	76.032	ug/l	100
52) Toluene	8.77	92	119645	14.767	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	74163	14.133	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	79702	14.561	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	47842	14.683	ug/l	99
56) Ethyl methacrylate	9.16	69	72464	14.854	ug/l	98
57) 1,3-Dichloropropane	9.35	76	99564	18.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	218411	91.055	ug/l	99
59) 2-Hexanone	9.48	43	310147	92.725	ug/l	99
60) Dibromochloromethane	9.57	129	62117	16.131	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59103	16.644	ug/l	99
64) Tetrachloroethene	9.32	164	80333	17.454	ug/l	97
65) Chlorobenzene	10.12	112	145336	14.943	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	57403	14.795	ug/l	96
67) Ethyl Benzene	10.24	91	267205	16.252	ug/l	100
68) m/p-Xylenes	10.34	106	197350	31.657	ug/l	100
69) o-Xylene	10.68	106	88183	14.683	ug/l	100
70) Styrene	10.70	104	149184	14.369	ug/l	98
71) Bromoform	10.84	173	45274	13.676	ug/l #	97
73) Isopropylbenzene	11.00	105	230782	15.889	ug/l	100
74) N-amyl acetate	10.88	43	91147	16.146	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	62145	14.545	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	73886m	15.873	ug/l	
77) Bromobenzene	11.24	156	63181	15.406	ug/l	99
78) n-propylbenzene	11.34	91	249633	15.826	ug/l	100
79) 2-Chlorotoluene	11.40	91	155113	15.551	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	192131	15.780	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	27039	14.623	ug/l	98
82) 4-Chlorotoluene	11.49	91	183488	15.716	ug/l	99
83) tert-Butylbenzene	11.76	119	169086	15.177	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	194972	15.830	ug/l	100
85) sec-Butylbenzene	11.93	105	208720	16.016	ug/l	100
86) p-Isopropyltoluene	12.05	119	189233	15.134	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	102556	14.792	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	103707	14.424	ug/l	99
89) n-Butylbenzene	12.37	91	156274	15.140	ug/l	99
90) Hexachloroethane	12.58	117	31285	13.568	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	97778	14.103	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17015	14.241	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	73059	15.047	ug/l	97
94) Hexachlorobutadiene	13.76	225	33005	15.733	ug/l	94
95) Naphthalene	13.82	128	226855	14.914	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	71852	15.035	ug/l	99

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

