

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042020\
 Data File : VX015761.D
 Acq On : 20 Apr 2020 13:33
 Operator : JC/SP
 Sample : VX0420MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 12:15:51 PM

Quant Time: Apr 20 15:13:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1067301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1611359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1472623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	803579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	650835	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
35) Dibromofluoromethane	5.47	113	502306	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	8.70	98	1854292	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.12	95	753302	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	128816	13.699	ug/l	100
3) Chloromethane	1.31	50	126422	10.557	ug/l	94
4) Vinyl Chloride	1.39	62	169789	15.442	ug/l	97
5) Bromomethane	1.63	94	78675	8.869	ug/l	98
6) Chloroethane	1.71	64	107310	15.736	ug/l	98
7) Trichlorofluoromethane	1.92	101	239691	16.255	ug/l	97
8) Diethyl Ether	2.17	74	104457	16.795	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	165911	17.259	ug/l	96
10) Methyl Iodide	2.49	142	79407	6.127	ug/l	96
11) Tert butyl alcohol	3.01	59	269430	74.778	ug/l	99
12) 1,1-Dichloroethene	2.36	96	157976	15.678	ug/l	98
13) Acrolein	2.27	56	208142	101.411	ug/l	99
14) Allyl chloride	2.71	41	352290	14.963	ug/l	98
15) Acrylonitrile	3.11	53	573779	83.504	ug/l	100
16) Acetone	2.42	43	512638	79.268	ug/l	96
17) Carbon Disulfide	2.55	76	526313	17.122	ug/l	99
18) Methyl Acetate	2.75	43	282734	17.129	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	647399	16.566	ug/l	99
20) Methylene Chloride	2.83	84	191185	15.827	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	176387	15.773	ug/l	96
22) Diisopropyl ether	3.83	45	700166	16.782	ug/l	91
23) Vinyl Acetate	3.78	43	3102032	82.121	ug/l	99
24) 1,1-Dichloroethane	3.67	63	349224	15.898	ug/l	97
25) 2-Butanone	4.63	43	829123	79.719	ug/l	99
26) 2,2-Dichloropropane	4.55	77	302146	16.758	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	214793	16.602	ug/l	97
28) Bromochloromethane	4.98	49	171386	16.341	ug/l	94
29) Tetrahydrofuran	5.09	42	533084	79.728	ug/l	98
30) Chloroform	5.18	83	344171	16.285	ug/l	99
31) Cyclohexane	5.55	56	297976	15.637	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	299607	15.665	ug/l	97
36) 1,1-Dichloropropene	5.77	75	251321	16.928	ug/l	98
37) Ethyl Acetate	4.79	43	320193	16.563	ug/l	100
38) Carbon Tetrachloride	5.76	117	262742	16.339	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	296690	17.332	ug/l	96
40) Benzene	6.12	78	753717	17.331	ug/l	97
41) Methacrylonitrile	5.00	41	183224	17.074	ug/l	97
42) 1,2-Dichloroethane	6.17	62	296668	16.982	ug/l	98
43) Isopropyl Acetate	6.41	43	549525	16.839	ug/l	99
44) Trichloroethene	7.18	130	210810	17.773	ug/l	90
45) 1,2-Dichloropropane	7.49	63	206191	17.331	ug/l	97
46) Dibromomethane	7.64	93	135625	17.378	ug/l	94
47) Bromodichloromethane	7.87	83	283386	17.041	ug/l	98
48) Methyl methacrylate	7.75	41	267920	16.437	ug/l	96
49) 1,4-Dioxane	7.72	88	105289	346.253	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1638376	88.588	ug/l	100
52) Toluene	8.76	92	483526	18.033	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	316220	16.214	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	340455	17.136	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	200488	18.250	ug/l	96
56) Ethyl methacrylate	9.16	69	329984	17.044	ug/l	96
57) 1,3-Dichloropropane	9.36	76	348821	17.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	723178	76.795	ug/l	97
59) 2-Hexanone	9.47	43	1225906	87.798	ug/l	99
60) Dibromochloromethane	9.56	129	229716	17.402	ug/l	99
61) 1,2-Dibromoethane	9.65	107	214421	17.951	ug/l	99
64) Tetrachloroethene	9.32	164	202407	18.213	ug/l	94
65) Chlorobenzene	10.12	112	533019	18.149	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	209468	17.853	ug/l	97
67) Ethyl Benzene	10.24	91	923858	17.737	ug/l	99
68) m/p-Xylenes	10.34	106	708035	36.505	ug/l	97
69) o-Xylene	10.68	106	346034	18.054	ug/l	98
70) Styrene	10.70	104	598360	17.742	ug/l	99
71) Bromoform	10.84	173	179915	16.845	ug/l #	99
73) Isopropylbenzene	11.00	105	921693	17.505	ug/l	100
74) N-amyl acetate	10.88	43	470203	16.057	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	315573	17.467	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	279915m	16.939	ug/l	
77) Bromobenzene	11.24	156	249733	17.782	ug/l	94
78) n-propylbenzene	11.34	91	1037873	17.239	ug/l	100
79) 2-Chlorotoluene	11.40	91	625889	16.961	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	790527	17.580	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	97893	14.214	ug/l	100
82) 4-Chlorotoluene	11.50	91	745649	17.236	ug/l	98
83) tert-Butylbenzene	11.76	119	798913	18.189	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	786814	17.171	ug/l	97
85) sec-Butylbenzene	11.93	105	906709	17.849	ug/l	100
86) p-Isopropyltoluene	12.05	119	855981	18.151	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	445866	17.734	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	457809	17.876	ug/l	100
89) n-Butylbenzene	12.37	91	752329	17.654	ug/l	98
90) Hexachloroethane	12.58	117	140598	15.318	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	444939	18.083	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	71262	13.975	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	349678	17.967	uq/l	97
94) Hexachlorobutadiene	13.77	225	159929	17.259	uq/l	98
95) Naphthalene	13.82	128	1035090	17.435	uq/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	347391	18.539	uq/l	100

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

