

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082720\
 Data File : VX018091.D
 Acq On : 27 Aug 2020 15:09
 Operator : JC/SP
 Sample : VX0827MBS01
 Misc : 5.0µ/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 2:59:29 PM

Quant Time: Aug 28 03:21:17 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	519046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	797043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	763238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	397533	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	360965	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	5.46	113	281791	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	8.70	98	1010609	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.12	95	397039	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	125891	19.921	ug/l	97
3) Chloromethane	1.32	50	120465	18.081	ug/l	96
4) Vinyl Chloride	1.39	62	117500	17.716	ug/l	97
5) Bromomethane	1.63	94	76383	23.877	ug/l	93
6) Chloroethane	1.71	64	68111	19.121	ug/l	94
7) Trichlorofluoromethane	1.92	101	196237	21.699	ug/l	99
8) Diethyl Ether	2.17	74	57565	18.770	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	101587	20.778	ug/l	98
10) Methyl Iodide	2.49	142	95068	21.539	ug/l	95
11) Tert butyl alcohol	3.02	59	123390	88.070	ug/l	99
12) 1,1-Dichloroethene	2.36	96	94311	18.593	ug/l	92
13) Acrolein	2.28	56	43434	74.766	ug/l	97
14) Allyl chloride	2.71	41	166424	18.262	ug/l	96
15) Acrylonitrile	3.12	53	286363	90.105	ug/l	99
16) Acetone	2.42	43	250716	89.293	ug/l	95
17) Carbon Disulfide	2.55	76	274935	17.930	ug/l	99
18) Methyl Acetate	2.75	43	129753	19.150	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	324076	18.630	ug/l	97
20) Methylene Chloride	2.84	84	118488	19.937	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	102828	18.298	ug/l	91
22) Diisopropyl ether	3.83	45	336210	18.692	ug/l	98
23) Vinyl Acetate	3.79	43	1503212	93.923	ug/l	100
24) 1,1-Dichloroethane	3.67	63	190489	18.605	ug/l	96
25) 2-Butanone	4.64	43	408148	88.450	ug/l	100
26) 2,2-Dichloropropane	4.56	77	170104	20.419	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	115578	17.850	ug/l	99
28) Bromochloromethane	4.99	49	96598	19.546	ug/l	97
29) Tetrahydrofuran	5.10	42	260280	88.606	ug/l	98
30) Chloroform	5.18	83	200457	18.908	ug/l	96
31) Cyclohexane	5.55	56	154195	17.878	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	190053	19.534	ug/l	99
36) 1,1-Dichloropropene	5.77	75	144660	19.678	ug/l	99
37) Ethyl Acetate	4.79	43	160270	18.771	ug/l	98
38) Carbon Tetrachloride	5.75	117	176740	21.333	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	154398	19.207	ug/l	97
40) Benzene	6.12	78	418379	19.368	ug/l	98
41) Methacrylonitrile	5.01	41	86992	18.556	ug/l	98
42) 1,2-Dichloroethane	6.17	62	169122	20.434	ug/l	98
43) Isopropyl Acetate	6.42	43	248285	18.004	ug/l	98
44) Trichloroethene	7.19	130	121784	19.952	ug/l	94
45) 1,2-Dichloropropane	7.49	63	111875	19.216	ug/l	98
46) Dibromomethane	7.64	93	78595	19.197	ug/l	98
47) Bromodichloromethane	7.88	83	165606	20.258	ug/l	98
48) Methyl methacrylate	7.75	41	121054	17.633	ug/l	97
49) 1,4-Dioxane	7.71	88	47895	385.137	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	798002	93.675	ug/l	100
52) Toluene	8.77	92	270675	19.761	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	174930	19.308	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	188970	19.689	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	115047	19.693	ug/l	96
56) Ethyl methacrylate	9.16	69	154909	17.837	ug/l	99
57) 1,3-Dichloropropane	9.35	76	185409	19.243	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	349722	89.518	ug/l	99
59) 2-Hexanone	9.48	43	624714	96.442	ug/l	98
60) Dibromochloromethane	9.56	129	138553	20.218	ug/l	100
61) 1,2-Dibromoethane	9.65	107	123196	19.424	ug/l	99
64) Tetrachloroethene	9.32	164	117013	20.863	ug/l	94
65) Chlorobenzene	10.12	112	297245	19.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	119920	19.960	ug/l	97
67) Ethyl Benzene	10.24	91	507943	19.594	ug/l	98
68) m/p-Xylenes	10.34	106	392956	40.613	ug/l	98
69) o-Xylene	10.68	106	182792	19.488	ug/l	99
70) Styrene	10.70	104	325362	20.369	ug/l	100
71) Bromoform	10.84	173	105799	20.645	ug/l	99
73) Isopropylbenzene	11.01	105	508267	19.383	ug/l	100
74) N-amyl acetate	10.88	43	221702	17.820	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	163984	17.728	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	161150m	18.223	ug/l	
77) Bromobenzene	11.24	156	136885	18.885	ug/l	97
78) n-propylbenzene	11.34	91	581053	19.516	ug/l	99
79) 2-Chlorotoluene	11.40	91	356014	19.354	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	437580	20.307	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	60922	18.606	ug/l	92
82) 4-Chlorotoluene	11.49	91	431227	19.720	ug/l	99
83) tert-Butylbenzene	11.76	119	412395	19.393	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	445729	20.233	ug/l	99
85) sec-Butylbenzene	11.93	105	496043	20.513	ug/l	100
86) p-Isopropyltoluene	12.05	119	460107	20.713	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	243202	19.111	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	243685	19.125	ug/l	98
89) n-Butylbenzene	12.37	91	389729	19.223	ug/l	99
90) Hexachloroethane	12.58	117	93515	21.398	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	230385	19.232	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41733	18.044	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	147880	18.513	ug/l	99
94) Hexachlorobutadiene	13.77	225	65517	20.794	ug/l	100
95) Naphthalene	13.82	128	472450	17.972	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	145908	18.486	ug/l	98

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

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