

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014886.D
 Acq On : 10 Feb 2020 14:31
 Operator : JC/SP
 Sample : VX0210MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:35:45 AM

Quant Time: Feb 11 07:05:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	452342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	613961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	331032	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	248735	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	5.48	113	200854	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	8.71	98	781212	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	283327	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	86858	20.276	ug/l	100
3) Chloromethane	1.32	50	95303	19.623	ug/l	99
4) Vinyl Chloride	1.40	62	97118	18.563	ug/l	99
5) Bromomethane	1.64	94	63976	18.891	ug/l	100
6) Chloroethane	1.72	64	62324	18.617	ug/l	97
7) Trichlorofluoromethane	1.93	101	138236	18.911	ug/l	99
8) Diethyl Ether	2.18	74	58345	19.248	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81911	19.305	ug/l	98
10) Methyl Iodide	2.50	142	76426	19.114	ug/l	99
11) Tert butyl alcohol	3.01	59	92494	102.616	ug/l	98
12) 1,1-Dichloroethene	2.37	96	78275	18.879	ug/l	98
13) Acrolein	2.28	56	62951	91.634	ug/l	98
14) Allyl chloride	2.72	41	133738	18.193	ug/l	99
15) Acrylonitrile	3.13	53	222564	97.401	ug/l	99
16) Acetone	2.43	43	240602	80.321	ug/l	99
17) Carbon Disulfide	2.56	76	216471	18.686	ug/l	99
18) Methyl Acetate	2.76	43	98519	19.161	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	261171	19.355	ug/l	100
20) Methylene Chloride	2.85	84	88563	18.034	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	85922	18.781	ug/l	98
22) Diisopropyl ether	3.84	45	267554	19.057	ug/l	90
23) Vinyl Acetate	3.80	43	1113229	96.186	ug/l	100
24) 1,1-Dichloroethane	3.69	63	151020	19.059	ug/l	98
25) 2-Butanone	4.65	43	328389	94.487	ug/l	98
26) 2,2-Dichloropropane	4.57	77	124091	18.172	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	94921	18.561	ug/l	100
28) Bromochloromethane	5.00	49	63199	20.577	ug/l	98
29) Tetrahydrofuran	5.11	42	194772	98.584	ug/l	98
30) Chloroform	5.20	83	151731	19.300	ug/l	96
31) Cyclohexane	5.57	56	136559	18.922	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	129727	18.864	ug/l	99
36) 1,1-Dichloropropene	5.79	75	112646	19.031	ug/l	99
37) Ethyl Acetate	4.81	43	122711	19.877	ug/l	99
38) Carbon Tetrachloride	5.78	117	110301	19.122	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	141638	19.134	ug/l	95
40) Benzene	6.13	78	339164	19.178	ug/l	98
41) Methacrylonitrile	5.02	41	67928	20.425	ug/l	98
42) 1,2-Dichloroethane	6.18	62	126426	19.779	ug/l	100
43) Isopropyl Acetate	6.43	43	202058	19.841	ug/l	99
44) Trichloroethene	7.20	130	99144	19.311	ug/l	95
45) 1,2-Dichloropropane	7.50	63	86747	19.233	ug/l	99
46) Dibromomethane	7.65	93	59792	19.394	ug/l	99
47) Bromodichloromethane	7.89	83	114847	18.788	ug/l	97
48) Methyl methacrylate	7.76	41	99688	19.890	ug/l	99
49) 1,4-Dioxane	7.73	88	41391	441.711	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	613955	99.842	ug/l	100
52) Toluene	8.78	92	214582	19.104	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	128314	19.153	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	142345	19.234	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	86974	19.138	ug/l	98
56) Ethyl methacrylate	9.17	69	135518	19.840	ug/l	99
57) 1,3-Dichloropropane	9.36	76	148501	19.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	339765	95.110	ug/l	99
59) 2-Hexanone	9.48	43	483468	100.026	ug/l	100
60) Dibromochloromethane	9.57	129	93753	19.170	ug/l	97
61) 1,2-Dibromoethane	9.67	107	94258	19.223	ug/l	100
64) Tetrachloroethene	9.33	164	119152	20.757	ug/l	95
65) Chlorobenzene	10.13	112	241388	19.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87853	19.433	ug/l	99
67) Ethyl Benzene	10.25	91	417307	19.704	ug/l	99
68) m/p-Xylenes	10.36	106	320408	39.273	ug/l	97
69) o-Xylene	10.70	106	150520	19.193	ug/l	98
70) Styrene	10.71	104	258029	19.448	ug/l	99
71) Bromoform	10.85	173	71890	19.051	ug/l #	98
73) Isopropylbenzene	11.01	105	406716	19.592	ug/l	100
74) N-amyl acetate	10.89	43	168831	19.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	130145	19.178	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	113927m	19.032	ug/l	
77) Bromobenzene	11.25	156	112488	19.414	ug/l	96
78) n-propylbenzene	11.35	91	464967	19.365	ug/l	100
79) 2-Chlorotoluene	11.42	91	273388	19.368	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	339839	19.592	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42454	18.154	ug/l	94
82) 4-Chlorotoluene	11.50	91	323004	19.323	ug/l	100
83) tert-Butylbenzene	11.76	119	311627	18.972	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	346300	19.811	ug/l	100
85) sec-Butylbenzene	11.94	105	400666	19.635	ug/l	99
86) p-Isopropyltoluene	12.06	119	368835	19.316	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	197971	19.046	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	199011	18.748	ug/l	99
89) n-Butylbenzene	12.38	91	320039	18.714	ug/l	99
90) Hexachloroethane	12.59	117	61043	18.306	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	194547	19.085	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29057	18.251	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141703	18.833	ug/l	99
94) Hexachlorobutadiene	13.78	225	71014	19.514	ug/l	99
95) Naphthalene	13.83	128	403332	20.161	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141923	19.524	ug/l	98

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

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