

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023878.D
 Acq On : 20 Aug 2021 15:35
 Operator : JC/MD
 Sample : VX0822MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/23/2021 11:32:03 AM

Quant Time: Aug 20 16:19:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	182176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	281529	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	121554	47.807	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.620%
35) Dibromofluoromethane	5.397	113	92808	49.807	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.620%
50) Toluene-d8	8.653	98	349171	49.234	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.085	95	127993	49.025	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	35773	18.612	ug/l	100
3) Chloromethane	1.295	50	36527	17.311	ug/l	99
4) Vinyl Chloride	1.374	62	36714	17.841	ug/l	100
5) Bromomethane	1.599	94	27283	21.087	ug/l	100
6) Chloroethane	1.685	64	22702	15.281	ug/l	97
7) Trichlorofluoromethane	1.886	101	61349	18.878	ug/l	98
8) Diethyl Ether	2.136	74	20533	18.093	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	35403	19.360	ug/l	96
10) Methyl Iodide	2.453	142	42912	16.853	ug/l	94
11) Tert butyl alcohol	2.977	59	46642	90.709	ug/l	98
12) 1,1-Dichloroethene	2.319	96	32068	18.342	ug/l	90
13) Acrolein	2.239	56	28680	93.729	ug/l	97
14) Allyl chloride	2.666	41	57658	17.895	ug/l	90
15) Acrylonitrile	3.069	53	107320	93.674	ug/l	97
16) Acetone	2.386	43	99929	87.899	ug/l	93
17) Carbon Disulfide	2.514	76	76278	18.293	ug/l	100
18) Methyl Acetate	2.709	43	53482	18.845	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	112639	18.511	ug/l	100
20) Methylene Chloride	2.794	84	39221	18.061	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	34582	18.518	ug/l	95
22) Diisopropyl ether	3.770	45	118466	18.460	ug/l	97
23) Vinyl Acetate	3.727	43	481187	92.693	ug/l	94
24) 1,1-Dichloroethane	3.617	63	65453	18.327	ug/l	98
25) 2-Butanone	4.568	43	158568	92.087	ug/l #	89
26) 2,2-Dichloropropane	4.483	77	54577	18.619	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	40277	18.126	ug/l	96
28) Bromochloromethane	4.910	49	29619	18.240	ug/l	93
29) Tetrahydrofuran	5.019	42	101455	90.962	ug/l	89
30) Chloroform	5.099	83	67696	17.902	ug/l	98
31) Cyclohexane	5.477	56	58870	18.022	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	60353	18.638	ug/l	98
36) 1,1-Dichloropropene	5.696	75	49482	18.979	ug/l	99
37) Ethyl Acetate	4.727	43	59414	18.539	ug/l	94
38) Carbon Tetrachloride	5.684	117	52650	19.366	ug/l	96
39) Methylcyclohexane	7.385	83	61740	19.449	ug/l	96
40) Benzene	6.050	78	145662	18.894	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	31330	18.033	ug/l	91
42) 1,2-Dichloroethane	6.099	62	57963	19.130	ug/l	95
43) Isopropyl Acetate	6.348	43	94034	18.758	ug/l	92
44) Trichloroethene	7.135	130	40138	18.847	ug/l	93
45) 1,2-Dichloropropane	7.434	63	37981	18.553	ug/l	96
46) Dibromomethane	7.586	93	27253	19.130	ug/l	97
47) Bromodichloromethane	7.830	83	48481	18.811	ug/l	98
48) Methyl methacrylate	7.696	41	46352	18.955	ug/l	85
49) 1,4-Dioxane	7.665	88	19245	372.367	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	314690	97.114	ug/l	89
52) Toluene	8.720	92	93122	18.641	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	54129	17.702	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	58231	18.647	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	38890	18.909	ug/l	97
56) Ethyl methacrylate	9.122	69	59053	17.308	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	63986	18.758	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	151182	91.288	ug/l	95
59) 2-Hexanone	9.433	43	247493	99.362	ug/l	86
60) Dibromochloromethane	9.525	129	37497	17.639	ug/l	99
61) 1,2-Dibromoethane	9.610	107	40647	18.708	ug/l	98
64) Tetrachloroethene	9.275	164	40474	19.502	ug/l	95
65) Chlorobenzene	10.080	112	103406	19.071	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	36851	19.096	ug/l	100
67) Ethyl Benzene	10.195	91	179680	18.977	ug/l	97
68) m/p-Xylenes	10.305	106	139916	38.796	ug/l	99
69) o-Xylene	10.647	106	68392	19.298	ug/l	98
70) Styrene	10.659	104	111431	19.300	ug/l	96
71) Bromoform	10.805	173	26037	17.894	ug/l #	99
73) Isopropylbenzene	10.964	105	181261	18.296	ug/l	99
74) N-amyl acetate	10.848	43	81176	18.131	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	62951	19.389	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	58125m	19.184	ug/l	
77) Bromobenzene	11.201	156	45279	18.556	ug/l	96
78) n-propylbenzene	11.305	91	209033	18.447	ug/l	98
79) 2-Chlorotoluene	11.366	91	126923	18.532	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	154359	18.960	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17161	16.661	ug/l #	84
82) 4-Chlorotoluene	11.457	91	145571	18.726	ug/l	98
83) tert-Butylbenzene	11.719	119	145269	18.372	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	154840	19.074	ug/l	99
85) sec-Butylbenzene	11.896	105	191768	19.156	ug/l	100
86) p-Isopropyltoluene	12.012	119	160358	19.463	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	83851	18.994	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	83873	19.049	ug/l	97
89) n-Butylbenzene	12.335	91	140473	19.095	ug/l	97
90) Hexachloroethane	12.543	117	23426	17.299	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	83843	19.604	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12452	17.811	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	46299	17.987	ug/l	96
94) Hexachlorobutadiene	13.725	225	23717	20.672	ug/l	99
95) Naphthalene	13.780	128	156037	17.285	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	48201	18.802	ug/l	98

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

