

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024683.D
 Acq On : 08 Oct 2021 20:18
 Operator : JC/MD
 Sample : VX1008MBS02
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008MBS02

Manual Integrations
 APPROVED

MMDadoda
 10/13/2021 2:43:08 PM

Quant Time: Oct 11 05:50:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	129843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	205088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	93490	51.088	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.180%			
35) Dibromofluoromethane	5.391	113	69439	50.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	8.653	98	252071	50.268	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.540%			
62) 4-Bromofluorobenzene	11.085	95	96970	49.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	29729	22.754	ug/l	100
3) Chloromethane	1.294	50	23650	19.203	ug/l	100
4) Vinyl Chloride	1.374	62	25861	20.075	ug/l	96
5) Bromomethane	1.599	94	12754	14.710	ug/l	98
6) Chloroethane	1.685	64	16821	19.761	ug/l	99
7) Trichlorofluoromethane	1.886	101	43548	19.156	ug/l	98
8) Diethyl Ether	2.142	74	14832	19.168	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	24799	19.345	ug/l	95
10) Methyl Iodide	2.453	142	13329	7.431	ug/l	94
11) Tert butyl alcohol	2.977	59	32057	66.230	ug/l	97
12) 1,1-Dichloroethene	2.319	96	23289	19.566	ug/l	82
13) Acrolein	2.239	56	9554	102.705	ug/l	97
14) Allyl chloride	2.666	41	39652	18.222	ug/l	88
15) Acrylonitrile	3.075	53	74629	89.768	ug/l	98
16) Acetone	2.386	43	80033	97.467	ug/l	88
17) Carbon Disulfide	2.514	76	55527	18.243	ug/l #	94
18) Methyl Acetate	2.709	43	50647	18.483	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	84159	18.762	ug/l	96
20) Methylene Chloride	2.794	84	27527	19.404	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	25945	19.196	ug/l	95
22) Diisopropyl ether	3.770	45	83081	18.687	ug/l	95
23) Vinyl Acetate	3.733	43	340390	94.548	ug/l	96
24) 1,1-Dichloroethane	3.617	63	47295	19.159	ug/l	99
25) 2-Butanone	4.568	43	123255	97.800	ug/l	95
26) 2,2-Dichloropropane	4.483	77	38806	17.476	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	30012	18.998	ug/l	97
28) Bromochloromethane	4.910	49	20670	18.445	ug/l	100
29) Tetrahydrofuran	5.019	42	69753	86.862	ug/l	92
30) Chloroform	5.105	83	51503	18.891	ug/l	97
31) Cyclohexane	5.471	56	39481	18.017	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	46517	19.219	ug/l	98
36) 1,1-Dichloropropene	5.696	75	37266	18.954	ug/l	98
37) Ethyl Acetate	4.727	43	42652	17.376	ug/l	94
38) Carbon Tetrachloride	5.684	117	40606	18.973	ug/l	91
39) Methylcyclohexane	7.385	83	43149	18.743	ug/l	95
40) Benzene	6.050	78	107658	19.149	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	22361	17.640	ug/l	90
42) 1,2-Dichloroethane	6.092	62	44758	18.957	ug/l	94
43) Isopropyl Acetate	6.348	43	68170	18.267	ug/l	93
44) Trichloroethene	7.135	130	30219	19.536	ug/l	99
45) 1,2-Dichloropropane	7.440	63	27804	19.170	ug/l	98
46) Dibromomethane	7.586	93	20241	18.610	ug/l	98
47) Bromodichloromethane	7.830	83	36801	18.462	ug/l	97
48) Methyl methacrylate	7.696	41	36365	19.680	ug/l	86
49) 1,4-Dioxane	7.665	88	13787	325.745	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	249747	101.373	ug/l	91
52) Toluene	8.720	92	70568	19.431	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	40588	17.965	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	43189	18.800	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	29564	19.688	ug/l	93
56) Ethyl methacrylate	9.122	69	39469	16.514	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	47928	18.916	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	112691	95.521	ug/l	98
59) 2-Hexanone	9.433	43	193072	99.513	ug/l	88
60) Dibromochloromethane	9.525	129	28936	17.766	ug/l	99
61) 1,2-Dibromoethane	9.616	107	31573	19.152	ug/l	98
64) Tetrachloroethene	9.281	164	28483	21.844	ug/l	97
65) Chlorobenzene	10.086	112	77411	19.723	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	28357	19.386	ug/l	99
67) Ethyl Benzene	10.195	91	135107	19.446	ug/l	100
68) m/p-Xylenes	10.305	106	102611	38.514	ug/l	96
69) o-Xylene	10.646	106	50023	18.987	ug/l	99
70) Styrene	10.659	104	80062	18.174	ug/l	98
71) Bromoform	10.805	173	19324	16.775	ug/l #	97
73) Isopropylbenzene	10.963	105	136588	20.254	ug/l	100
74) N-amyl acetate	10.848	43	55044	17.746	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	45659	19.145	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	42555m	19.645	ug/l	
77) Bromobenzene	11.201	156	34520	19.893	ug/l	94
78) n-propylbenzene	11.305	91	150918	19.144	ug/l	98
79) 2-Chlorotoluene	11.366	91	93333	19.436	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	117169	20.339	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	12189	16.844	ug/l #	85
82) 4-Chlorotoluene	11.457	91	108404	19.186	ug/l	99
83) tert-Butylbenzene	11.719	119	111826	19.362	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	116864	20.402	ug/l	100
85) sec-Butylbenzene	11.896	105	129485	18.223	ug/l	100
86) p-Isopropyltoluene	12.012	119	119687	19.754	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	61363	18.569	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	62589	18.335	ug/l	98
89) n-Butylbenzene	12.335	91	101819	18.979	ug/l	97
90) Hexachloroethane	12.542	117	17732	17.797	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	60940	18.653	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10188	17.693	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	38970	18.735	ug/l	100
94) Hexachlorobutadiene	13.725	225	16572	17.417	ug/l	94
95) Naphthalene	13.780	128	130996	19.676	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	40436	18.971	ug/l	97

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

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