

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024772.D
 Acq On : 12 Oct 2021 18:44
 Operator : JC/MD
 Sample : VX1012MBS02
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012MBS02

Manual Integrations
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10/15/2021 1:14:26 PM

Quant Time: Oct 13 01:58:19 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	130212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	206024	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	91443	49.828	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.660%		
35) Dibromofluoromethane	5.397	113	67324	49.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	8.653	98	241691	47.979	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.960%		
62) 4-Bromofluorobenzene	11.085	95	93995	47.457	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	29542	22.547	ug/l	97
3) Chloromethane	1.295	50	24090	19.505	ug/l	98
4) Vinyl Chloride	1.374	62	25513	19.748	ug/l	95
5) Bromomethane	1.605	94	17322	19.922	ug/l	98
6) Chloroethane	1.685	64	15880	18.618	ug/l	97
7) Trichlorofluoromethane	1.886	101	45132	19.796	ug/l	98
8) Diethyl Ether	2.136	74	15184	19.567	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	25091	19.517	ug/l	96
10) Methyl Iodide	2.453	142	24449	13.592	ug/l	91
11) Tert butyl alcohol	2.977	59	35673	74.918	ug/l	98
12) 1,1-Dichloroethene	2.319	96	23454	19.649	ug/l	92
13) Acrolein	2.246	56	9800	104.821	ug/l	97
14) Allyl chloride	2.666	41	41841	19.173	ug/l	90
15) Acrylonitrile	3.069	53	80543	96.607	ug/l	99
16) Acetone	2.386	43	94958	117.251	ug/l	91
17) Carbon Disulfide	2.514	76	54725	17.932	ug/l	95
18) Methyl Acetate	2.709	43	56352	20.506	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	84894	18.872	ug/l	99
20) Methylene Chloride	2.794	84	28387	19.986	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	25693	18.956	ug/l	90
22) Diisopropyl ether	3.770	45	84645	18.985	ug/l	97
23) Vinyl Acetate	3.733	43	350148	96.983	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	49344	19.933	ug/l	97
25) 2-Butanone	4.568	43	139300	110.218	ug/l	91
26) 2,2-Dichloropropane	4.483	77	41270	18.533	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	29699	18.747	ug/l	94
28) Bromochloromethane	4.910	49	20361	18.118	ug/l	94
29) Tetrahydrofuran	5.019	42	76975	95.584	ug/l	90
30) Chloroform	5.105	83	53588	19.601	ug/l	93
31) Cyclohexane	5.477	56	39026	17.759	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	47750	19.672	ug/l	98
36) 1,1-Dichloropropene	5.702	75	37368	18.920	ug/l	98
37) Ethyl Acetate	4.727	43	45168	18.317	ug/l	95
38) Carbon Tetrachloride	5.684	117	40904	19.026	ug/l	96
39) Methylcyclohexane	7.385	83	42710	18.468	ug/l	98
40) Benzene	6.044	78	109243	19.343	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24747	19.433	ug/l	92
42) 1,2-Dichloroethane	6.099	62	45990	19.390	ug/l	95
43) Isopropyl Acetate	6.355	43	69908	18.648	ug/l	93
44) Trichloroethene	7.135	130	29811	19.185	ug/l	96
45) 1,2-Dichloropropane	7.440	63	28857	19.805	ug/l	92
46) Dibromomethane	7.586	93	20990	19.211	ug/l	96
47) Bromodichloromethane	7.824	83	38761	19.357	ug/l	99
48) Methyl methacrylate	7.702	41	37797	20.362	ug/l	88
49) 1,4-Dioxane	7.665	88	14975	352.206	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	269335	108.827	ug/l	90
52) Toluene	8.720	92	70935	19.444	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	41555	18.310	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	44997	19.498	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	29845	19.785	ug/l	98
56) Ethyl methacrylate	9.122	69	40446	16.846	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	48175	18.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	123859	104.510	ug/l	97
59) 2-Hexanone	9.433	43	211804	108.671	ug/l	87
60) Dibromochloromethane	9.525	129	29306	17.902	ug/l	96
61) 1,2-Dibromoethane	9.616	107	31873	19.246	ug/l	100
64) Tetrachloroethene	9.275	164	28537	21.299	ug/l	96
65) Chlorobenzene	10.080	112	76518	18.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	28803	19.163	ug/l	99
67) Ethyl Benzene	10.195	91	136253	19.086	ug/l	99
68) m/p-Xylenes	10.305	106	104768	38.270	ug/l	97
69) o-Xylene	10.647	106	49466	18.273	ug/l	98
70) Styrene	10.659	104	81451	17.994	ug/l	98
71) Bromoform	10.805	173	20594	17.312	ug/l #	99
73) Isopropylbenzene	10.964	105	135495	19.483	ug/l	100
74) N-amyl acetate	10.848	43	58450	18.272	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	48041	19.533	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	44349m	19.852	ug/l	
77) Bromobenzene	11.201	156	34890	19.497	ug/l	94
78) n-propylbenzene	11.305	91	152249	18.727	ug/l	99
79) 2-Chlorotoluene	11.366	91	93214	18.822	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	118331	19.917	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	14024	18.568	ug/l	90
82) 4-Chlorotoluene	11.457	91	111233	19.090	ug/l	99
83) tert-Butylbenzene	11.720	119	111349	18.694	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	121356	20.544	ug/l	98
85) sec-Butylbenzene	11.896	105	133244	18.183	ug/l	100
86) p-Isopropyltoluene	12.012	119	122197	19.556	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	62100	18.222	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	61927	17.590	ug/l	98
89) n-Butylbenzene	12.335	91	102724	18.566	ug/l	98
90) Hexachloroethane	12.543	117	18727	18.226	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	62243	18.474	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11127	18.737	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	37941	17.687	ug/l	98
94) Hexachlorobutadiene	13.725	225	18028	18.372	ug/l	99
95) Naphthalene	13.780	128	127804	18.614	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	39715	18.068	ug/l	100

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

