

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025293.D
 Acq On : 23 Nov 2021 22:51
 Operator : JC/MD
 Sample : VX1123MBS02
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/24/2021

Quant Time: Nov 24 03:16:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	104214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57355	52.213	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.420%			
35) Dibromofluoromethane	5.391	113	51837	51.279	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.560%			
50) Toluene-d8	8.653	98	189796	49.936	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.880%			
62) 4-Bromofluorobenzene	11.079	95	70272	48.872	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19907	22.036	ug/l	99
3) Chloromethane	1.294	50	21009	18.782	ug/l	100
4) Vinyl Chloride	1.374	62	22996	18.725	ug/l	99
5) Bromomethane	1.599	94	15544	29.440	ug/l	100
6) Chloroethane	1.685	64	15565	18.369	ug/l	100
7) Trichlorofluoromethane	1.886	101	34885	19.139	ug/l	99
8) Diethyl Ether	2.136	74	14127	18.780	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	19332	19.933	ug/l	97
10) Methyl Iodide	2.453	142	23383	19.283	ug/l	93
11) Tert butyl alcohol	2.959	59	27479	95.606	ug/l	96
12) 1,1-Dichloroethene	2.319	96	18869	19.535	ug/l	89
13) Acrolein	2.239	56	4145	82.366	ug/l	95
14) Allyl chloride	2.666	41	31390	17.957	ug/l	95
15) Acrylonitrile	3.062	53	57477	97.505	ug/l	98
16) Acetone	2.380	43	49347	80.846	ug/l	97
17) Carbon Disulfide	2.514	76	46438	17.091	ug/l	98
18) Methyl Acetate	2.703	43	36755	18.847	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	65931	19.590	ug/l	99
20) Methylene Chloride	2.788	84	21540	18.773	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	20318	19.202	ug/l	88
22) Diisopropyl ether	3.764	45	64579	19.398	ug/l	99
23) Vinyl Acetate	3.721	43	257475	96.285	ug/l	98
24) 1,1-Dichloroethane	3.611	63	36300	19.956	ug/l	98
25) 2-Butanone	4.556	43	79911	90.552	ug/l	100
26) 2,2-Dichloropropane	4.477	77	29411	17.834	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	23911	19.350	ug/l	91
28) Bromochloromethane	4.897	49	17224	20.306	ug/l #	94
29) Tetrahydrofuran	5.007	42	52237	95.600	ug/l	98
30) Chloroform	5.093	83	37800	19.968	ug/l	100
31) Cyclohexane	5.471	56	32337	19.050	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	34493	19.902	ug/l	98
36) 1,1-Dichloropropene	5.696	75	27027	18.802	ug/l	97
37) Ethyl Acetate	4.721	43	29731	18.179	ug/l	98
38) Carbon Tetrachloride	5.678	117	30337	19.162	ug/l	97
39) Methylcyclohexane	7.385	83	34159	18.526	ug/l	98
40) Benzene	6.044	78	82888	19.035	ug/l	100

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41) Methacrylonitrile	4.922	41	16464	18.138	ug/l	97
42) 1,2-Dichloroethane	6.086	62	28668	20.234	ug/l	93
43) Isopropyl Acetate	6.342	43	50169	18.433	ug/l	97
44) Trichloroethene	7.129	130	24017	18.986	ug/l	94
45) 1,2-Dichloropropane	7.434	63	20741	19.394	ug/l	98
46) Dibromomethane	7.580	93	15210	19.591	ug/l	92
47) Bromodichloromethane	7.824	83	29007	19.012	ug/l	99
48) Methyl methacrylate	7.696	41	22919	17.942	ug/l	93
49) 1,4-Dioxane	7.659	88	9892	366.713	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	160527	94.059	ug/l	99
52) Toluene	8.720	92	54288	19.096	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	30529	17.993	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	33158	18.029	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	22389	19.815	ug/l	97
56) Ethyl methacrylate	9.116	69	33564	18.305	ug/l	97
57) 1,3-Dichloropropane	9.311	76	36149	19.303	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	76949	90.202	ug/l	95
59) 2-Hexanone	9.433	43	120812	89.790	ug/l	97
60) Dibromochloromethane	9.525	129	24017	18.468	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23379	19.104	ug/l	98
64) Tetrachloroethene	9.275	164	24111	19.315	ug/l	95
65) Chlorobenzene	10.079	112	59751	19.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	22638	19.135	ug/l	99
67) Ethyl Benzene	10.195	91	102590	19.244	ug/l	97
68) m/p-Xylenes	10.305	106	81842	37.585	ug/l	93
69) o-Xylene	10.640	106	40707	19.100	ug/l	92
70) Styrene	10.659	104	66388	18.856	ug/l	97
71) Bromoform	10.799	173	17981	17.506	ug/l #	99
73) Isopropylbenzene	10.963	105	103447	19.456	ug/l	96
74) N-amyl acetate	10.842	43	41428	18.014	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	33426	19.436	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30087m	19.694	ug/l	
77) Bromobenzene	11.201	156	26959	19.716	ug/l	93
78) n-propylbenzene	11.305	91	115768	19.397	ug/l	97
79) 2-Chlorotoluene	11.366	91	70214	19.324	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	87491	19.576	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	10191	16.805	ug/l	91
82) 4-Chlorotoluene	11.457	91	78937	19.032	ug/l	97
83) tert-Butylbenzene	11.719	119	87704	19.310	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	86703	19.628	ug/l	97
85) sec-Butylbenzene	11.890	105	108243	19.603	ug/l	97
86) p-Isopropyltoluene	12.012	119	89955	18.961	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	48593	19.091	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	48987	18.993	ug/l	98
89) n-Butylbenzene	12.335	91	72707	18.182	ug/l	96
90) Hexachloroethane	12.542	117	14854	16.990	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	48661	19.617	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6952	19.352	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	28089	19.238	ug/l	98
94) Hexachlorobutadiene	13.725	225	12766	18.210	ug/l	95
95) Naphthalene	13.780	128	92929	18.222	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28771	20.143	ug/l	99

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

