

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070522\
 Data File : VU049610.D
 Acq On : 05 Jul 2022 12:02
 Operator : SY/MD
 Sample : VU0705MBS01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0705MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/06/2022
 Supervised By :Mahesh Dadoda 07/06/2022

Quant Time: Jul 06 07:46:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	245768	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	409865	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	366678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	176240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	167536	44.263	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.520%		
35) Dibromofluoromethane	5.288	113	135394	47.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.440%		
50) Toluene-d8	7.896	98	492681	48.171	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.340%		
62) 4-Bromofluorobenzene	10.632	95	184635	47.126	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	65944	16.698	ug/l	100
3) Chloromethane	1.520	50	75530	15.082	ug/l	98
4) Vinyl Chloride	1.604	62	68904	17.330	ug/l	100
5) Bromomethane	1.838	94	32200	26.044	ug/l	96
6) Chloroethane	1.922	64	40743	23.277	ug/l	99
7) Trichlorofluoromethane	2.131	101	88189	17.403	ug/l	98
8) Diethyl Ether	2.375	74	34569	18.885	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.575	101	53024	19.448	ug/l	95
10) Methyl Iodide	2.719	142	66116	28.481	ug/l	95
11) Tert butyl alcohol	3.186	59	96799m	109.265	ug/l	
12) 1,1-Dichloroethene	2.575	96	51322	19.226	ug/l	91
13) Acrolein	2.485	56	19242	32.073	ug/l	100
14) Allyl chloride	2.922	41	101169	18.753	ug/l #	87
15) Acrylonitrile	3.311	53	204011	95.749	ug/l	99
16) Acetone	2.626	43	190058	99.572	ug/l	100
17) Carbon Disulfide	2.790	76	138592	16.648	ug/l	100
18) Methyl Acetate	2.948	43	93690	18.132	ug/l	93
19) Methyl tert-butyl Ether	3.362	73	194340	19.575	ug/l	98
20) Methylene Chloride	3.041	84	64457	19.838	ug/l	91
21) trans-1,2-Dichloroethene	3.350	96	55777	19.383	ug/l	94
22) Diisopropyl ether	3.993	45	202822	19.691	ug/l #	74
23) Vinyl Acetate	3.954	43	853783	94.570	ug/l	95
24) 1,1-Dichloroethane	3.867	63	112093	18.946	ug/l	98
25) 2-Butanone	4.700	43	279879	97.842	ug/l	96
26) 2,2-Dichloropropane	4.665	77	92506	18.786	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	65059	19.568	ug/l	89
28) Bromochloromethane	4.973	49	50709	19.608	ug/l #	78
29) Tetrahydrofuran	5.050	42	179149	91.293	ug/l	90
30) Chloroform	5.086	83	110008	18.796	ug/l	100
31) Cyclohexane	5.388	56	105125	18.497	ug/l	92
32) 1,1,1-Trichloroethane	5.317	97	96669	19.037	ug/l	97
36) 1,1-Dichloropropene	5.526	75	79490	19.118	ug/l	96
37) Ethyl Acetate	4.803	43	100289	17.652	ug/l #	93
38) Carbon Tetrachloride	5.523	117	80728	18.513	ug/l	99
39) Methylcyclohexane	6.761	83	94929	19.048	ug/l	91
40) Benzene	5.774	78	242532	19.320	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	54650	19.196	ug/l	89
42) 1,2-Dichloroethane	5.793	62	84976	18.188	ug/l	100
43) Isopropyl Acetate	5.912	43	155143	18.636	ug/l	98
44) Trichloroethene	6.542	130	58101	19.470	ug/l	87
45) 1,2-Dichloropropane	6.790	63	66837	19.215	ug/l	97
46) Dibromomethane	6.919	93	43438	18.731	ug/l	92
47) Bromodichloromethane	7.105	83	83440	18.694	ug/l	98
48) Methyl methacrylate	6.960	41	73639	18.875	ug/l	87
49) 1,4-Dioxane	6.970	88	41834	418.532	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	507442	91.076	ug/l	97
52) Toluene	7.967	92	145844	19.547	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	93167	19.459	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	100545	19.668	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	59952	19.434	ug/l	98
56) Ethyl methacrylate	8.333	69	100958	19.567	ug/l	95
57) 1,3-Dichloropropane	8.574	76	106540	19.469	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	48030	125.911	ug/l	94
59) 2-Hexanone	8.684	43	395189	90.196	ug/l	97
60) Dibromochloromethane	8.809	129	63436	19.775	ug/l	100
61) 1,2-Dibromoethane	8.922	107	65216	19.399	ug/l	100
64) Tetrachloroethene	8.552	164	45929	19.529	ug/l	91
65) Chlorobenzene	9.446	112	149382	19.928	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	56643	20.030	ug/l	100
67) Ethyl Benzene	9.568	91	275764	20.038	ug/l	97
68) m/p-Xylenes	9.693	106	205493	40.356	ug/l	90
69) o-Xylene	10.099	106	100988	19.978	ug/l	88
70) Styrene	10.115	104	164683	20.275	ug/l	96
71) Bromoform	10.291	173	47240	19.477	ug/l #	99
73) Isopropylbenzene	10.484	105	267788	21.330	ug/l	96
74) N-amyl acetate	10.317	43	127992	19.262	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	106020	19.935	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	118028	19.756	ug/l	96
77) Bromobenzene	10.780	156	62525	20.403	ug/l	84
78) n-propylbenzene	10.906	91	312999	20.517	ug/l	96
79) 2-Chlorotoluene	10.986	91	190887	20.310	ug/l	93
80) 1,3,5-Trimethylbenzene	11.089	105	228188	20.819	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	30852	19.070	ug/l	92
82) 4-Chlorotoluene	11.095	91	214244	20.268	ug/l	93
83) tert-Butylbenzene	11.420	119	227196	21.075	ug/l	95
84) 1,2,4-Trimethylbenzene	11.468	105	226873	21.070	ug/l	95
85) sec-Butylbenzene	11.642	105	278517	20.549	ug/l	96
86) p-Isopropyltoluene	11.793	119	227958	20.797	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	115282	19.677	ug/l	96
88) 1,4-Dichlorobenzene	11.835	146	116617	19.804	ug/l	96
89) n-Butylbenzene	12.208	91	197482	19.463	ug/l	98
90) Hexachloroethane	12.475	117	40596	18.595	ug/l	85
91) 1,2-Dichlorobenzene	12.211	146	120774	20.516	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	25827	18.939	ug/l	85
93) 1,2,4-Trichlorobenzene	13.838	180	75844	20.279	ug/l	98
94) Hexachlorobutadiene	14.021	225	35069	19.204	ug/l	98
95) Naphthalene	14.086	128	266819	20.402	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	78180	19.973	ug/l	98

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

