

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049504.D
 Acq On : 29 Jun 2022 11:52
 Operator : SY/MD
 Sample : VU0629MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0629MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

Quant Time: Jun 30 00:47:32 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	256160	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	435064	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	386680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	182543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	183432	46.497	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.000%		
35) Dibromofluoromethane	5.289	113	146955	48.280	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.560%		
50) Toluene-d8	7.896	98	531763	48.981	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.960%		
62) 4-Bromofluorobenzene	10.632	95	196919	47.350	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	75652	18.379	ug/l	99
3) Chloromethane	1.524	50	87148	16.783	ug/l	98
4) Vinyl Chloride	1.604	62	78375	18.912	ug/l	100
5) Bromomethane	1.851	94	32329	25.088	ug/l	99
6) Chloroethane	1.929	64	43876	23.987	ug/l	93
7) Trichlorofluoromethane	2.134	101	97317	18.426	ug/l	97
8) Diethyl Ether	2.376	74	38862	20.369	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.581	101	57720	20.312	ug/l	97
10) Methyl Iodide	2.720	142	73816	29.974	ug/l	95
11) Tert butyl alcohol	3.192	59	110148m	119.289	ug/l	
12) 1,1-Dichloroethene	2.578	96	57049	20.505	ug/l	94
13) Acrolein	2.485	56	42458	67.898	ug/l	99
14) Allyl chloride	2.922	41	113257	20.142	ug/l #	86
15) Acrylonitrile	3.314	53	235454	106.024	ug/l	99
16) Acetone	2.630	43	187241	94.117	ug/l	100
17) Carbon Disulfide	2.790	76	156731	18.064	ug/l	99
18) Methyl Acetate	2.948	43	103704	19.256	ug/l	91
19) Methyl tert-butyl Ether	3.363	73	208806	20.179	ug/l	95
20) Methylene Chloride	3.044	84	69478	20.542	ug/l	88
21) trans-1,2-Dichloroethene	3.353	96	60626	20.214	ug/l	90
22) Diisopropyl ether	3.993	45	218856	20.386	ug/l #	79
23) Vinyl Acetate	3.954	43	948797	100.831	ug/l	95
24) 1,1-Dichloroethane	3.867	63	122863	19.924	ug/l	98
25) 2-Butanone	4.703	43	310066	103.997	ug/l	95
26) 2,2-Dichloropropane	4.665	77	95403	18.588	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	71419	20.610	ug/l	91
28) Bromochloromethane	4.970	49	53286	19.768	ug/l #	76
29) Tetrahydrofuran	5.051	42	207858	101.626	ug/l	89
30) Chloroform	5.089	83	120436	19.743	ug/l	99
31) Cyclohexane	5.388	56	116478	19.664	ug/l	92
32) 1,1,1-Trichloroethane	5.314	97	104525	19.749	ug/l	98
36) 1,1-Dichloropropene	5.527	75	84788	19.211	ug/l	98
37) Ethyl Acetate	4.803	43	116194	19.266	ug/l #	94
38) Carbon Tetrachloride	5.523	117	86430	18.673	ug/l	99
39) Methylcyclohexane	6.761	83	105823	20.004	ug/l	91
40) Benzene	5.774	78	267534	20.078	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	61388	20.314	ug/l	90
42) 1,2-Dichloroethane	5.793	62	95033	19.162	ug/l	99
43) Isopropyl Acetate	5.909	43	170479	19.292	ug/l	97
44) Trichloroethene	6.543	130	63925	20.181	ug/l	92
45) 1,2-Dichloropropane	6.790	63	72515	19.640	ug/l	98
46) Dibromomethane	6.919	93	48323	19.630	ug/l	91
47) Bromodichloromethane	7.105	83	89556	18.902	ug/l	99
48) Methyl methacrylate	6.961	41	82132	19.832	ug/l	88
49) 1,4-Dioxane	6.983	88	48737	459.353	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	578487	97.814	ug/l	96
52) Toluene	7.967	92	161743	20.423	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	97450	19.174	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	107961	19.895	ug/l	98
55) 1,1,2-Trichloroethane	8.398	97	67247	20.537	ug/l	97
56) Ethyl methacrylate	8.334	69	111577	20.373	ug/l	94
57) 1,3-Dichloropropane	8.575	76	114489	19.710	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	51629	127.346	ug/l	95
59) 2-Hexanone	8.684	43	452365	97.266	ug/l	96
60) Dibromochloromethane	8.809	129	67280	19.758	ug/l	99
61) 1,2-Dibromoethane	8.922	107	71800	20.121	ug/l	99
64) Tetrachloroethene	8.552	164	52221	21.056	ug/l	94
65) Chlorobenzene	9.446	112	160990	20.365	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.533	131	60254	20.205	ug/l	99
67) Ethyl Benzene	9.568	91	301592	20.781	ug/l	97
68) m/p-Xylenes	9.694	106	224885	41.880	ug/l	91
69) o-Xylene	10.099	106	112399	21.085	ug/l	91
70) Styrene	10.112	104	179169	20.918	ug/l	96
71) Bromoform	10.288	173	50495	19.743	ug/l #	99
73) Isopropylbenzene	10.481	105	290097	22.309	ug/l	95
74) N-amyl acetate	10.321	43	140984	20.485	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.780	83	116070	21.072	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	127445	20.595	ug/l	99
77) Bromobenzene	10.780	156	68322	21.525	ug/l	86
78) n-propylbenzene	10.903	91	336823	21.317	ug/l	96
79) 2-Chlorotoluene	10.983	91	204186	20.974	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	244043	21.497	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.546	75	30931	18.459	ug/l	90
82) 4-Chlorotoluene	11.095	91	228580	20.877	ug/l	94
83) tert-Butylbenzene	11.420	119	242856	21.750	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	244014	21.880	ug/l	94
85) sec-Butylbenzene	11.642	105	300197	21.384	ug/l	96
86) p-Isopropyltoluene	11.793	119	241397	21.263	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	123018	20.272	ug/l	98
88) 1,4-Dichlorobenzene	11.835	146	126122	20.678	ug/l	96
89) n-Butylbenzene	12.208	91	203360	19.350	ug/l	97
90) Hexachloroethane	12.475	117	41579	18.387	ug/l	86
91) 1,2-Dichlorobenzene	12.211	146	126611	20.765	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	27801	19.683	ug/l	83
93) 1,2,4-Trichlorobenzene	13.838	180	76594	19.816	ug/l	98
94) Hexachlorobutadiene	14.021	225	35867	18.963	ug/l	97
95) Naphthalene	14.086	128	281305	20.736	ug/l	99
96) 1,2,3-Trichlorobenzene	14.327	180	80109	19.772	ug/l	97

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

