

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044832.D
 Acq On : 25 Sep 2021 13:28
 Operator : SY/MD
 Sample : VU0925MBS01
 Misc : 5.00g/10mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0925MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:02:58 AM

Quant Time: Sep 27 01:29:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	150030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	268633	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	255379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	125307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	135883	51.895	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.780%	
35) Dibromofluoromethane	5.295	113	94548	51.305	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.600%	
50) Toluene-d8	7.902	98	355680	51.103	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.200%	
62) 4-Bromofluorobenzene	10.635	95	126707	49.014	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.020%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	35156	19.566	ug/l	99
3) Chloromethane	1.520	50	48478	17.778	ug/l	100
4) Vinyl Chloride	1.607	62	48429	19.029	ug/l	100
5) Bromomethane	1.848	94	28681	20.425	ug/l	100
6) Chloroethane	1.928	64	32034	18.524	ug/l	100
7) Trichlorofluoromethane	2.137	101	62555	20.014	ug/l	100
8) Diethyl Ether	2.382	74	28851	20.165	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.581	101	36762	20.141	ug/l	97
10) Methyl Iodide	2.726	142	33568	16.925	ug/l	99
11) Tert butyl alcohol	3.198	59	70109	91.736	ug/l #	88
12) 1,1-Dichloroethene	2.581	96	34607	19.158	ug/l	96
13) Acrolein	2.491	56	18234	88.181	ug/l	99
14) Allyl chloride	2.925	41	66047	18.837	ug/l	98
15) Acrylonitrile	3.321	53	149661	93.748	ug/l	99
16) Acetone	2.633	43	150352	101.797	ug/l	98
17) Carbon Disulfide	2.797	76	90020	17.714	ug/l	99
18) Methyl Acetate	2.954	43	91107	18.464	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	132468	19.638	ug/l	100
20) Methylene Chloride	3.051	84	44337	18.544	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	37425	19.350	ug/l	94
22) Diisopropyl ether	3.999	45	135872	19.613	ug/l	93
23) Vinyl Acetate	3.960	43	544419	95.830	ug/l	99
24) 1,1-Dichloroethane	3.874	63	79373	19.739	ug/l	100
25) 2-Butanone	4.710	43	214786	95.843	ug/l	100
26) 2,2-Dichloropropane	4.671	77	62615	20.764	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	44469	18.904	ug/l	99
28) Bromochloromethane	4.980	49	36064	18.873	ug/l	98
29) Tetrahydrofuran	5.057	42	130260	92.391	ug/l	97
30) Chloroform	5.092	83	77192	19.092	ug/l	96
31) Cyclohexane	5.394	56	69814	18.571	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	63437	19.419	ug/l	99
36) 1,1-Dichloropropene	5.530	75	54546	19.137	ug/l	99
37) Ethyl Acetate	4.813	43	77301	18.484	ug/l	99
38) Carbon Tetrachloride	5.530	117	49398	19.386	ug/l	94
39) Methylcyclohexane	6.767	83	62553	19.404	ug/l	99
40) Benzene	5.780	78	165651	19.062	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	40056	19.188	ug/l	98
42) 1,2-Dichloroethane	5.800	62	68275	19.971	ug/l	99
43) Isopropyl Acetate	5.919	43	110117	18.820	ug/l	100
44) Trichloroethene	6.546	130	38236	18.308	ug/l	97
45) 1,2-Dichloropropane	6.796	63	45281	19.254	ug/l	95
46) Dibromomethane	6.922	93	30391	19.502	ug/l	99
47) Bromodichloromethane	7.111	83	59558	19.375	ug/l	99
48) Methyl methacrylate	6.964	41	51448	18.629	ug/l	96
49) 1,4-Dioxane	6.980	88	28912	409.630	ug/l	98
51) 4-Methyl-2-Pentanone	7.796	43	390586	93.665	ug/l	100
52) Toluene	7.973	92	101148	19.469	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	61478	19.196	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	67576	19.484	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	42678	19.213	ug/l	97
56) Ethyl methacrylate	8.336	69	66091	17.959	ug/l	98
57) 1,3-Dichloropropane	8.581	76	77481	19.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	49872	70.799	ug/l	98
59) 2-Hexanone	8.690	43	308534	92.176	ug/l	100
60) Dibromochloromethane	8.812	129	40243	18.919	ug/l	100
61) 1,2-Dibromoethane	8.928	107	44473	19.068	ug/l	99
64) Tetrachloroethene	8.558	164	33650	19.439	ug/l	98
65) Chlorobenzene	9.449	112	103010	19.430	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	35470	18.758	ug/l	99
67) Ethyl Benzene	9.574	91	184746	19.524	ug/l	99
68) m/p-Xylenes	9.697	106	141876	39.201	ug/l	97
69) o-Xylene	10.105	106	68797	19.658	ug/l	98
70) Styrene	10.118	104	114229	18.122	ug/l	97
71) Bromoform	10.295	173	27402	17.513	ug/l #	99
73) Isopropylbenzene	10.488	105	177695	19.980	ug/l	100
74) N-amyl acetate	10.324	43	84911	18.732	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	77228	19.060	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	72924m	19.218	ug/l	
77) Bromobenzene	10.787	156	41601	19.579	ug/l	99
78) n-propylbenzene	10.909	91	218574	20.282	ug/l	100
79) 2-Chlorotoluene	10.989	91	131557	20.030	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	154857	20.556	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	22184	18.939	ug/l	97
82) 4-Chlorotoluene	11.098	91	152137	20.346	ug/l	100
83) tert-Butylbenzene	11.423	119	146747	20.193	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	153396	20.654	ug/l	100
85) sec-Butylbenzene	11.648	105	194724	20.721	ug/l	100
86) p-Isopropyltoluene	11.796	119	156506	20.472	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	78242	18.975	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	80023	18.766	ug/l	98
89) n-Butylbenzene	12.214	91	137322	18.269	ug/l	99
90) Hexachloroethane	12.478	117	25824	18.746	ug/l	95
91) 1,2-Dichlorobenzene	12.217	146	81523	18.657	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	19045	19.385	ug/l	94
93) 1,2,4-Trichlorobenzene	13.844	180	44179	18.297	ug/l	98
94) Hexachlorobutadiene	14.024	225	19261	17.931	ug/l	97
95) Naphthalene	14.089	128	156874	16.957	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	45407	18.494	ug/l	98

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

