

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044888.D
 Acq On : 27 Sep 2021 14:10
 Operator : SY/MD
 Sample : VU0927MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0927MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2021 7:04:47 PM

Quant Time: Sep 27 16:36:04 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	5.375	168	149186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	270067	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	258464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	142276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	126630	48.635	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.260%	
35) Dibromofluoromethane	5.292	113	88679	47.865	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.720%	
50) Toluene-d8	7.902	98	340933	48.724	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.440%	
62) 4-Bromofluorobenzene	10.636	95	146333	56.305	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.620%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	40150	22.471	ug/l	98
3) Chloromethane	1.520	50	49522	18.263	ug/l	97
4) Vinyl Chloride	1.607	62	51564	20.375	ug/l	99
5) Bromomethane	1.832	94	19309	12.169	ug/l	96
6) Chloroethane	1.903	64	36229	21.119	ug/l	100
7) Trichlorofluoromethane	2.121	101	65338	21.023	ug/l	99
8) Diethyl Ether	2.379	74	31455	22.109	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.575	101	38387	21.150	ug/l	98
10) Methyl Iodide	2.719	142	33798	17.137	ug/l	98
11) Tert butyl alcohol	3.237	59	72929	95.965	ug/l	100
12) 1,1-Dichloroethene	2.572	96	38457	21.410	ug/l	95
13) Acrolein	2.488	56	19793	96.285	ug/l	97
14) Allyl chloride	2.922	41	70326	20.171	ug/l	96
15) Acrylonitrile	3.317	53	152381	95.991	ug/l	99
16) Acetone	2.633	43	145713	99.214	ug/l	99
17) Carbon Disulfide	2.787	76	109677	21.705	ug/l	99
18) Methyl Acetate	2.951	43	93266	19.008	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	146766	21.881	ug/l	99
20) Methylene Chloride	3.044	84	48145	20.251	ug/l	96
21) trans-1,2-Dichloroethene	3.350	96	41498	21.577	ug/l	97
22) Diisopropyl ether	3.996	45	143669	20.856	ug/l	97
23) Vinyl Acetate	3.957	43	583325	103.260	ug/l	98
24) 1,1-Dichloroethane	3.870	63	83340	20.843	ug/l	99
25) 2-Butanone	4.710	43	217470	97.589	ug/l	98
26) 2,2-Dichloropropane	4.668	77	66827	22.287	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	48072	20.552	ug/l	99
28) Bromochloromethane	4.977	49	31118	16.377	ug/l	96
29) Tetrahydrofuran	5.054	42	132389	94.432	ug/l	96
30) Chloroform	5.092	83	81119	20.177	ug/l	99
31) Cyclohexane	5.388	56	80365	21.499	ug/l	98
32) 1,1,1-Trichloroethane	5.317	97	67844	20.886	ug/l	99
36) 1,1-Dichloropropene	5.526	75	61935	21.614	ug/l	99
37) Ethyl Acetate	4.806	43	80577	19.165	ug/l	99
38) Carbon Tetrachloride	5.526	117	52121	20.346	ug/l	99
39) Methylcyclohexane	6.764	83	73922	22.809	ug/l	98
40) Benzene	5.774	78	181221	20.743	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	42028	20.026	ug/l	98
42) 1,2-Dichloroethane	5.796	62	71724	20.868	ug/l	99
43) Isopropyl Acetate	5.915	43	119665	20.343	ug/l	99
44) Trichloroethene	6.542	130	41802	19.909	ug/l	100
45) 1,2-Dichloropropane	6.793	63	47736	20.190	ug/l	97
46) Dibromomethane	6.922	93	32263	20.593	ug/l	99
47) Bromodichloromethane	7.108	83	61355	19.854	ug/l	99
48) Methyl methacrylate	6.964	41	57633	20.758	ug/l	96
49) 1,4-Dioxane	6.976	88	29210	411.655	ug/l	95
51) 4-Methyl-2-Pentanone	7.800	43	448892	107.076	ug/l	100
52) Toluene	7.970	92	112764	21.589	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	69923	21.717	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	73650	21.123	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	47578	21.306	ug/l	99
56) Ethyl methacrylate	8.340	69	82337	21.804	ug/l	99
57) 1,3-Dichloropropane	8.578	76	83112	20.901	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	110588	128.085	ug/l	98
59) 2-Hexanone	8.690	43	362922	107.849	ug/l	99
60) Dibromochloromethane	8.816	129	44180	20.660	ug/l	99
61) 1,2-Dibromoethane	8.928	107	49173	20.971	ug/l	100
64) Tetrachloroethene	8.555	164	36078	20.593	ug/l	97
65) Chlorobenzene	9.449	112	116361	21.686	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	40880	21.361	ug/l	98
67) Ethyl Benzene	9.571	91	215736	22.526	ug/l	99
68) m/p-Xylenes	9.697	106	168022	45.871	ug/l	99
69) o-Xylene	10.105	106	83926	23.695	ug/l	100
70) Styrene	10.118	104	139015	21.586	ug/l	98
71) Bromoform	10.295	173	34811	21.983	ug/l #	100
73) Isopropylbenzene	10.488	105	216129	21.403	ug/l	99
74) N-amyl acetate	10.324	43	108650	21.110	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	96248	20.921	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	89411m	20.753	ug/l	
77) Bromobenzene	10.787	156	51932	21.526	ug/l	99
78) n-propylbenzene	10.909	91	269192	22.000	ug/l	100
79) 2-Chlorotoluene	10.989	91	164176	22.015	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	192076	22.456	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	28735	21.606	ug/l	96
82) 4-Chlorotoluene	11.102	91	188549	22.208	ug/l	100
83) tert-Butylbenzene	11.423	119	185628	22.496	ug/l	100
84) 1,2,4-Trimethylbenzene	11.471	105	194225	23.032	ug/l	99
85) sec-Butylbenzene	11.648	105	244073	22.874	ug/l	99
86) p-Isopropyltoluene	11.796	119	197295	22.729	ug/l	98
87) 1,3-Dichlorobenzene	11.748	146	99665	21.288	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	101913	21.049	ug/l	99
89) n-Butylbenzene	12.211	91	175776	20.433	ug/l	100
90) Hexachloroethane	12.478	117	34224	21.880	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	101757	20.510	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	21925	19.654	ug/l	95
93) 1,2,4-Trichlorobenzene	13.844	180	54159	19.755	ug/l	99
94) Hexachlorobutadiene	14.024	225	23595	19.346	ug/l	98
95) Naphthalene	14.092	128	193423	18.333	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	54433	19.526	ug/l	100

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

