

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
 Data File : VU044751.D
 Acq On : 22 Sep 2021 11:53
 Operator : SY/MD
 Sample : MDL06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 1:35:24 PM

Quant Time: Sep 23 04:59:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 23 02:59:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	128524	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	129357	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	59667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34413	4.538	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.916	69	33695	4.354	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.571	65	14937	3.900	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.639	46	135949	42.766	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.540%
24) Chloroform-d	5.070	84	74198	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.710	65	44106	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.735	84	137952	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.700	67	48748	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.906	98	112619	3.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.185	79	16099	4.216	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.642	63	104788	42.700	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.400%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42304	4.405	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	44502	4.520	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2250	0.220	ug/L	100
3) Chloromethane	1.520	50	3369	0.273	ug/L	100
5) Vinyl chloride	1.607	62	2573	0.205	ug/L #	9
6) Bromomethane	1.861	94	1541	0.239	ug/L	88
8) Chloroethane	1.938	64	2320	0.290	ug/L #	71
9) Trichlorofluoromethane	2.144	101	3165	0.224	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2380	0.274	ug/L #	86
12) 1,1-Dichloroethene	2.581	96	1876	0.227	ug/L #	1
13) Acetone	2.639	43	6726	3.249	ug/L	77
14) Carbon disulfide	2.800	76	5060	0.194	ug/L	99
15) Methyl Acetate	2.964	43	1159	0.310	ug/L #	65
16) Methylene chloride	3.054	84	2889	0.220	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	4813	0.211	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	1804	0.206	ug/L	97
19) 1,1-Dichloroethane	3.877	63	4086	0.230	ug/L #	85
21) 2-Butanone	4.722	43	7707m	2.229	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	2112	0.218	ug/L	94
23) Bromochloromethane	4.980	128	859	0.210	ug/L	90
25) Chloroform	5.095	83	5921	0.313	ug/L	99

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27) 1,2-Dichloroethane	5.803	62	3182	0.257	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	3150	0.223	ug/L	100
30) Cyclohexane	5.398	56	2817	0.175	ug/L	93
31) Carbon tetrachloride	5.533	117	2510	0.228	ug/L	93
33) Benzene	5.780	78	12759	0.332	ug/L	100
34) Trichloroethene	6.552	95	2033	0.214	ug/L	95
35) Methylcyclohexane	6.767	83	2847	0.182	ug/L	91
37) 1,2-Dichloropropane	6.796	63	2291	0.223	ug/L #	88
38) Bromodichloromethane	7.115	83	2647	0.212	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	2717	0.186	ug/L	93
40) 4-Methyl-2-pentanone	7.803	43	15758	1.968	ug/L #	88
42) Toluene	7.976	91	10989	0.274	ug/L	98
44) trans-1,3-Dichloropropene	8.217	75	2756	0.222	ug/L	87
45) 1,1,2-Trichloroethane	8.404	97	1651	0.226	ug/L	89
47) Tetrachloroethene	8.562	164	1499	0.227	ug/L	97
48) 2-Hexanone	8.697	43	15603	2.618	ug/L	97
49) Dibromochloromethane	8.816	129	1628	0.212	ug/L	99
50) 1,2-Dibromoethane	8.931	107	1416	0.206	ug/L #	98
51) Chlorobenzene	9.452	112	5418	0.218	ug/L	98
52) Ethylbenzene	9.574	91	8295	0.191	ug/L	94
53) m,p-Xylene	9.700	106	3402	0.206	ug/L	88
54) o-Xylene	10.105	106	2984	0.189	ug/L	96
55) Styrene	10.121	104	4567	0.165	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.790	83	2241	0.228	ug/L #	99
59) Bromoform	10.298	173	787	0.212	ug/L #	84
60) Isopropylbenzene	10.491	105	7684	0.206	ug/L	96
61) 1,2,3-Trichloropropane	10.828	75	1516	0.230	ug/L	93
62) 1,3,5-Trimethylbenzene	11.095	105	5825	0.188	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	5981	0.188	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	3800	0.218	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	3662	0.204	ug/L	95
67) 1,2-Dichlorobenzene	12.217	146	3637	0.220	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.227	180	2553	0.193	ug/L	92
70) 1,2,4-trichlorobenzene	13.844	180	1893	0.170	ug/L	99
71) Naphthalene	14.092	128	3820	0.175	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.336	180	1665	0.162	ug/L	96

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

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