Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
Data File : VU044640.D
Acq On : 15 Sep 2021 13:15
Operator : SY/MD
Sample : MDL03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 16 02:31:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 16 01:40:15 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Manual Integrations APPROVED
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9/16/2021 12:12:26 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	130908	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	133480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	63436	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29565	3.828	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.600%			
7) Chloroethane-d5	1.919	69	33026	4.190	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.800%			
11) 1,1-Dichloroethene-d2	2.571	65	15907	4.077	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.600%			
20) 2-Butanone-d5	4.645	46	155334m	47.974	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.940%			
24) Chloroform-d	5.073	84	73078	4.498	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.000%			
26) 1,2-Dichloroethane-d4	5.710	65	44693	4.613	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.200%			
32) Benzene-d6	5.735	84	143982	4.231	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.600%			
36) 1,2-Dichloropropane-d6	6.700	67	51319	4.591	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.800%			
41) Toluene-d8	7.906	98	119134	4.021	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.400%			
43) trans-1,3-Dichloroprop...	8.185	79	15957	4.050	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.000%			
46) 2-Hexanone-d5	8.645	63	114080	45.050	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.100%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44232	4.463	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.200%			
66) 1,2-Dichlorobenzene-d4	12.198	152	46637	4.455	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	2376	0.228	ug/L	100
3) Chloromethane	1.520	50	3282	0.262	ug/L	95
5) Vinyl chloride	1.607	62	3254	0.254	ug/L	85
6) Bromomethane	1.861	94	1776	0.271	ug/L	87
8) Chloroethane	1.938	64	2621	0.321	ug/L #	74
9) Trichlorofluoromethane	2.144	101	3637	0.252	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2435	0.275	ug/L	89
12) 1,1-Dichloroethene	2.588	96	2348	0.279	ug/L #	1
13) Acetone	2.652	43	3222	1.528	ug/L	90
14) Carbon disulfide	2.803	76	5650	0.212	ug/L	99
15) Methyl Acetate	2.964	43	1470m	0.386	ug/L	
16) Methylene chloride	3.057	84	4931	0.369	ug/L	94
17) Methyl tert-butyl Ether	3.375	73	5446	0.234	ug/L	96
18) trans-1,2-Dichloroethene	3.362	96	2134	0.239	ug/L	91
19) 1,1-Dichloroethane	3.880	63	4366	0.242	ug/L	90
22) cis-1,2-Dichloroethene	4.671	96	2334	0.237	ug/L	93
23) Bromochloromethane	4.983	128	1046	0.251	ug/L	87
25) Chloroform	5.096	83	9221	0.479	ug/L	92
27) 1,2-Dichloroethane	5.806	62	3168	0.251	ug/L #	77

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	3416	0.235	ug/L		95
30) Cyclohexane	5.395	56	3437	0.206	ug/L		91
31) Carbon tetrachloride	5.533	117	2553	0.224	ug/L		97
33) Benzene	5.784	78	9773	0.247	ug/L		100
34) Trichloroethene	6.549	95	2234	0.228	ug/L		88
35) Methylcyclohexane	6.767	83	3628	0.225	ug/L		95
37) 1,2-Dichloropropane	6.796	63	2761	0.260	ug/L	#	88
38) Bromodichloromethane	7.115	83	3049	0.237	ug/L		97
39) cis-1,3-Dichloropropene	7.613	75	3269	0.217	ug/L		90
40) 4-Methyl-2-pentanone	7.803	43	17099	2.069	ug/L	#	89
42) Toluene	7.973	91	11057	0.267	ug/L		99
44) trans-1,3-Dichloropropene	8.218	75	3054	0.238	ug/L		86
45) 1,1,2-Trichloroethane	8.407	97	1827	0.242	ug/L		96
47) Tetrachloroethene	8.562	164	1498	0.220	ug/L		92
48) 2-Hexanone	8.697	43	19125	3.110	ug/L		90
49) Dibromochloromethane	8.819	129	1685	0.212	ug/L		89
50) 1,2-Dibromoethane	8.931	107	1607	0.226	ug/L	#	92
51) Chlorobenzene	9.455	112	6251	0.244	ug/L		96
52) Ethylbenzene	9.574	91	9442	0.211	ug/L		100
53) m,p-Xylene	9.700	106	3453	0.203	ug/L		83
54) o-Xylene	10.105	106	3194	0.196	ug/L		97
55) Styrene	10.121	104	5436	0.191	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.790	83	2359	0.233	ug/L		92
59) Bromoform	10.295	173	973	0.247	ug/L	#	74
60) Isopropylbenzene	10.491	105	8650	0.218	ug/L		100
61) 1,2,3-Trichloropropane	10.828	75	1779	0.254	ug/L		97
62) 1,3,5-Trimethylbenzene	11.092	105	6675	0.202	ug/L		99
63) 1,2,4-Trimethylbenzene	11.475	105	6840	0.202	ug/L		97
64) 1,3-Dichlorobenzene	11.751	146	4469	0.241	ug/L		94
65) 1,4-Dichlorobenzene	11.844	146	4601	0.241	ug/L		98
67) 1,2-Dichlorobenzene	12.217	146	4452	0.253	ug/L		97
69) 1,3,5-Trichlorobenzene	13.224	180	3089	0.219	ug/L		99
70) 1,2,4-trichlorobenzene	13.848	180	2289	0.193	ug/L		94
71) Naphthalene	14.095	128	3434	0.148	ug/L	#	93
72) 1,2,3-Trichlorobenzene	14.333	180	1989	0.182	ug/L		94

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

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