Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
Data File : VU045795.D
Acq On : 15 Nov 2021 16:36
Operator : SY/MD
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 16 03:32:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 03:04:04 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED

Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/16/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	110598	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	112848	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	51070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33769	3.854	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.000%			
7) Chloroethane-d5	1.919	69	27821	4.361	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.200%			
11) 1,1-Dichloroethene-d2	2.571	65	14751	4.014	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.200%			
20) 2-Butanone-d5	4.655	46	114761	48.871	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.740%			
24) Chloroform-d	5.070	84	61904	4.240	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.800%			
26) 1,2-Dichloroethane-d4	5.706	65	37758	4.408	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%			
32) Benzene-d6	5.732	84	127513	4.103	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.000%			
36) 1,2-Dichloropropane-d6	6.693	67	41982	4.286	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.800%			
41) Toluene-d8	7.902	98	110127	3.917	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.400%			
43) trans-1,3-Dichloroprop...	8.182	79	16722	4.206	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.200%			
46) 2-Hexanone-d5	8.636	63	84626	47.288	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.580%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	38813	4.691	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.800%			
66) 1,2-Dichlorobenzene-d4	12.195	152	41946	4.784	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	1402	0.156	ug/L	100
3) Chloromethane	1.520	50	3617	0.379	ug/L	97
5) Vinyl chloride	1.607	62	1928	0.201	ug/L #	63
6) Bromomethane	1.861	94	1232	0.217	ug/L	92
8) Chloroethane	1.938	64	1239	0.227	ug/L	96
9) Trichlorofluoromethane	2.144	101	2190	0.177	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	1586	0.219	ug/L #	66
12) 1,1-Dichloroethene	2.581	96	1682	0.246	ug/L #	1
13) Acetone	2.681	43	4127m	2.986	ug/L	
14) Carbon disulfide	2.800	76	4106	0.190	ug/L	96
15) Methyl Acetate	2.973	43	762	0.225	ug/L #	51
16) Methylene chloride	3.051	84	3132	0.310	ug/L	82
17) Methyl tert-butyl Ether	3.369	73	3624	0.203	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	1121	0.153	ug/L	91
19) 1,1-Dichloroethane	3.874	63	2438	0.177	ug/L	94
21) 2-Butanone	4.735	43	5981m	2.572	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	1526	0.192	ug/L	92
23) Bromochloromethane	4.980	128	642	0.185	ug/L	87
25) Chloroform	5.089	83	5485	0.368	ug/L	96

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	1882	0.198 ug/L #	73
29) 1,1,1-Trichloroethane	5.324	97	1971	0.161 ug/L	97
30) Cyclohexane	5.394	56	1799	0.148 ug/L #	89
31) Carbon tetrachloride	5.530	117	1698	0.165 ug/L	97
33) Benzene	5.780	78	6010	0.191 ug/L	100
34) Trichloroethene	6.549	95	1507	0.186 ug/L	90
35) Methylcyclohexane	6.771	83	1599	0.128 ug/L	96
37) 1,2-Dichloropropane	6.796	63	1433	0.173 ug/L #	88
38) Bromodichloromethane	7.108	83	1879	0.184 ug/L #	96
39) cis-1,3-Dichloropropene	7.613	75	1894	0.161 ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	10648	1.959 ug/L #	86
42) Toluene	7.973	91	7189	0.221 ug/L	96
44) trans-1,3-Dichloropropene	8.214	75	1894	0.185 ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	1147	0.186 ug/L	96
47) Tetrachloroethene	8.555	164	857	0.151 ug/L	88
48) 2-Hexanone	8.690	43	16212	4.128 ug/L	97
49) Dibromochloromethane	8.812	129	1279	0.183 ug/L	86
50) 1,2-Dibromoethane	8.928	107	1008	0.174 ug/L #	91
51) Chlorobenzene	9.449	112	3778	0.185 ug/L	90
52) Ethylbenzene	9.574	91	5358	0.157 ug/L	94
53) m,p-Xylene	9.697	106	1827	0.140 ug/L	74
54) o-Xylene	10.105	106	1676	0.133 ug/L	68
55) Styrene	10.115	104	2766	0.131 ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	1597	0.203 ug/L #	95
59) Bromoform	10.285	173	616	0.182 ug/L #	89
60) Isopropylbenzene	10.488	105	4396	0.147 ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	1108	0.209 ug/L #	89
62) 1,3,5-Trimethylbenzene	11.089	105	3191	0.130 ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	3298	0.134 ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	2349	0.168 ug/L	86
65) 1,4-Dichlorobenzene	11.838	146	3820	0.269 ug/L	90
67) 1,2-Dichlorobenzene	12.214	146	2632	0.196 ug/L #	87
69) 1,3,5-Trichlorobenzene	13.221	180	1444	0.138 ug/L	93
70) 1,2,4-trichlorobenzene	13.844	180	1296	0.146 ug/L #	95
71) Naphthalene	14.089	128	2958	0.163 ug/L #	91
72) 1,2,3-Trichlorobenzene	14.333	180	1306	0.148 ug/L	96

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

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