Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
Data File : VU045802.D
Acq On : 16 Nov 2021 12:25
Operator : SY/MD
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 17:08:41 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 :
MDL06

Manual Integrations APPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91824	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	96034	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	44103	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29129	4.004	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.000%			
7) Chloroethane-d5	1.916	69	25327	4.782	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.600%			
11) 1,1-Dichloroethene-d2	2.571	65	13021	4.267	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.400%			
20) 2-Butanone-d5	4.649	46	106643	54.699	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.400%			
24) Chloroform-d	5.070	84	55741	4.599	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.000%			
26) 1,2-Dichloroethane-d4	5.706	65	34708	4.880	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.600%			
32) Benzene-d6	5.732	84	116932	4.422	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
36) 1,2-Dichloropropane-d6	6.694	67	38265	4.591	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.800%			
41) Toluene-d8	7.902	98	100432	4.198	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%			
43) trans-1,3-Dichloroprop...	8.182	79	15468	4.571	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.400%			
46) 2-Hexanone-d5	8.636	63	79401	52.137	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.280%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36305	5.156	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.200%			
66) 1,2-Dichlorobenzene-d4	12.195	152	39070	5.159	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	1531	0.205	ug/L #	88
3) Chloromethane	1.520	50	2639	0.333	ug/L	100
5) Vinyl chloride	1.607	62	1903	0.239	ug/L	88
6) Bromomethane	1.861	94	966	0.205	ug/L	90
8) Chloroethane	1.938	64	1151	0.254	ug/L	93
9) Trichlorofluoromethane	2.144	101	2150	0.209	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	1559	0.259	ug/L #	80
12) 1,1-Dichloroethene	2.584	96	1342	0.236	ug/L #	1
13) Acetone	2.665	43	4259m	3.711	ug/L	
14) Carbon disulfide	2.800	76	3752	0.209	ug/L	100
15) Methyl Acetate	2.964	43	1239	0.440	ug/L #	51
16) Methylene chloride	3.051	84	2832	0.337	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	2826	0.191	ug/L	93
18) trans-1,2-Dichloroethene	3.356	96	1278	0.210	ug/L	86
19) 1,1-Dichloroethane	3.877	63	2135	0.187	ug/L	97
21) 2-Butanone	4.732	43	6610m	3.424	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	1351	0.205	ug/L	87
23) Bromochloromethane	4.980	128	592	0.206	ug/L #	87
25) Chloroform	5.092	83	8312	0.671	ug/L	95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	1769	0.224 ug/L #	73
29) 1,1,1-Trichloroethane	5.321	97	2112	0.202 ug/L	93
30) Cyclohexane	5.398	56	1805	0.174 ug/L	96
31) Carbon tetrachloride	5.533	117	1568	0.179 ug/L	96
33) Benzene	5.780	78	5409	0.202 ug/L	100
34) Trichloroethene	6.546	95	1365	0.198 ug/L	94
35) Methylcyclohexane	6.767	83	1812	0.171 ug/L	99
37) 1,2-Dichloropropane	6.796	63	1378	0.195 ug/L #	88
38) Bromodichloromethane	7.111	83	1622	0.186 ug/L #	92
39) cis-1,3-Dichloropropene	7.610	75	1871	0.187 ug/L	89
40) 4-Methyl-2-pentanone	7.796	43	8954	1.936 ug/L #	88
42) Toluene	7.973	91	6863	0.248 ug/L	95
44) trans-1,3-Dichloropropene	8.214	75	1488	0.171 ug/L	89
45) 1,1,2-Trichloroethane	8.407	97	931	0.178 ug/L #	79
47) Tetrachloroethene	8.558	164	879	0.182 ug/L	80
48) 2-Hexanone	8.690	43	13508	4.042 ug/L #	97
49) Dibromochloromethane	8.809	129	1168	0.196 ug/L	92
50) 1,2-Dibromoethane	8.925	107	1049	0.213 ug/L #	84
51) Chlorobenzene	9.449	112	3623	0.209 ug/L	91
52) Ethylbenzene	9.571	91	5565	0.192 ug/L	98
53) m,p-Xylene	9.697	106	1922	0.173 ug/L	83
54) o-Xylene	10.102	106	1861	0.174 ug/L	87
55) Styrene	10.118	104	2959	0.164 ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	1525	0.227 ug/L #	86
59) Bromoform	10.291	173	570	0.195 ug/L #	92
60) Isopropylbenzene	10.488	105	4749	0.183 ug/L	97
61) 1,2,3-Trichloropropane	10.825	75	1175	0.257 ug/L #	88
62) 1,3,5-Trimethylbenzene	11.092	105	3555	0.168 ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	3423	0.161 ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	2619	0.217 ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	3677	0.300 ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	2826	0.244 ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	1720	0.190 ug/L	95
70) 1,2,4-trichlorobenzene	13.841	180	1572	0.206 ug/L	98
71) Naphthalene	14.089	128	2789	0.178 ug/L #	96
72) 1,2,3-Trichlorobenzene	14.333	180	1554	0.204 ug/L #	87

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

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