Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101121\
Data File : VV022737.D
Acq On : 11 Oct 2021 18:16
Operator : SY/MD
Sample : M4109-14MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

Manual Integrations APPROVED
MMDadoda
10/13/2021 1:41:25 PM

Quant Time: Oct 12 03:42:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 12 03:20:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110453	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	112217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64131	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32028	4.215	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.200%			
7) Chloroethane-d5	1.564	69	33383	4.888	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.800%			
11) 1,1-Dichloroethene-d2	2.104	63	70199	4.709	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.200%			
20) 2-Butanone-d5	3.912	46	77828	39.059	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.120%			
24) Chloroform-d	4.349	84	78375	5.005	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.000%			
26) 1,2-Dichloroethane-d4	5.034	65	37152	4.888	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.800%			
32) Benzene-d6	5.050	84	148950	4.459	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	6.072	67	47004	4.751	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.000%			
41) Toluene-d8	7.316	98	142234	4.925	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
43) trans-1,3-Dichloroprop...	7.625	79	15318	4.668	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.400%			
46) 2-Hexanone-d5	8.095	63	77352	58.486	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.980%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34979	5.219	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	57551	4.840	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	41328	5.134	ug/L	99
3) Chloromethane	1.240	50	45956	5.680	ug/L	99
5) Vinyl chloride	1.307	62	44900	5.371	ug/L	98
6) Bromomethane	1.519	94	29622	5.684	ug/L	95
8) Chloroethane	1.584	64	29357	5.676	ug/L	100
9) Trichlorofluoromethane	1.751	101	65906	5.382	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	39010	5.477	ug/L	100
12) 1,1-Dichloroethene	2.114	96	38291	5.739	ug/L	81
13) Acetone	2.191	43	61298m	55.169	ug/L	
14) Carbon disulfide	2.288	76	96326	5.137	ug/L	99
15) Methyl Acetate	2.436	43	14982	4.713	ug/L	91
16) Methylene chloride	2.500	84	41727	4.544	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	79929	4.951	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	38664	5.329	ug/L	97
19) 1,1-Dichloroethane	3.185	63	69472	5.316	ug/L	97
21) 2-Butanone	3.995	43	60800	33.420	ug/L	88
22) cis-1,2-Dichloroethene	3.908	96	39014	5.121	ug/L	94
23) Bromochloromethane	4.252	128	18886	5.580	ug/L	93
25) Chloroform	4.375	83	80810	5.334	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	38819	5.134	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	61951	4.834	ug/L	98
30) Cyclohexane	4.674	56	58411	4.940	ug/L	97
31) Carbon tetrachloride	4.828	117	55202	4.963	ug/L	100
33) Benzene	5.098	78	153592	5.082	ug/L	100
34) Trichloroethene	5.911	95	278752	33.917	ug/L	98
35) Methylcyclohexane	6.130	83	59023	5.126	ug/L	94
37) 1,2-Dichloropropane	6.175	63	36913	5.078	ug/L	99
38) Bromodichloromethane	6.513	83	46582	5.201	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	49176	5.111	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	217625	55.721	ug/L	97
42) Toluene	7.387	91	166301	5.420	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	41399	5.277	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	28568	5.296	ug/L	99
47) Tetrachloroethene	7.976	164	96566	14.528	ug/L	98
48) 2-Hexanone	8.143	43	162667	56.962	ug/L	98
49) Dibromochloromethane	8.249	129	33924	5.373	ug/L	89
50) 1,2-Dibromoethane	8.355	107	26664	5.294	ug/L	96
51) Chlorobenzene	8.882	112	107843	5.349	ug/L	99
52) Ethylbenzene	9.014	91	164016	5.265	ug/L	98
53) m,p-xylene	9.140	106	65645	5.370	ug/L	98
54) o-xylene	9.545	106	61568	5.353	ug/L	99
55) Styrene	9.561	104	111395	5.621	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	28753	5.269	ug/L	94
59) Bromoform	9.734	173	17724	4.934	ug/L	98
60) Isopropylbenzene	9.934	105	169395	5.200	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	23513	5.277	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	131450	4.994	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	136316	5.176	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	88253	5.162	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	89331	5.146	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	83453	5.204	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	3850	4.747	ug/L	95
69) 1,3,5-Trichlorobenzene	12.647	180	65645	5.097	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	48812	4.961	ug/L	98
71) Naphthalene	13.503	128	75249	4.812	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	46618	5.025	ug/L	98

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

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