Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
Data File : VV038174.D
Acq On : 19 Nov 2024 13:17
Operator : SY/MD
Sample : VSTD0.521
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 19 21:38:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 19 21:34:01 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5221

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/21/2024
Supervised By :Semsettin Yesilyurt 11/21/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.529	114	259388	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.779	117	269242	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	131394	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.275	65	9766	0.491 ug/L	0.00
7) Chloroethane-d5	1.529	69	7395	0.460 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	3881	0.454 ug/L	0.00
20) 2-Butanone-d5	3.895	46	17129m	4.517 ug/L	0.10
24) Chloroform-d	4.249	84	16967	0.440 ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	7712m	0.442 ug/L	0.02
32) Benzene-d6	4.966	84	28623	0.411 ug/L	0.02
36) 1,2-Dichloropropane-d6	5.992	67	11098m	0.520 ug/L	0.00
41) Toluene-d8	7.246	98	24073	0.374 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	2695m	0.346 ug/L	0.02
46) 2-Hexanone-d5	8.050	63	10443m	3.536 ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.152	84	8500	0.468 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	10213	0.456 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.105	85	11660	0.475 ug/L	100
3) Chloromethane	1.214	50	10274	0.486 ug/L	98
5) Vinyl chloride	1.278	62	11168	0.466 ug/L #	77
6) Bromomethane	1.484	94	4679	0.501 ug/L	87
8) Chloroethane	1.545	64	7559m	0.451 ug/L	
9) Trichlorofluoromethane	1.709	101	15791	0.463 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	8653	0.445 ug/L	95
12) 1,1-Dichloroethene	2.063	96	8938	0.482 ug/L	95
13) Acetone	2.133	43	14093	4.791 ug/L	97
14) Carbon disulfide	2.233	76	26927	0.451 ug/L	99
15) Methyl Acetate	2.410	43	3539	0.489 ug/L #	76
16) Methylene chloride	2.442	84	9437	0.447 ug/L	93
17) Methyl tert-butyl Ether	2.699	73	17723	0.423 ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	8619	0.442 ug/L	89
19) 1,1-Dichloroethane	3.108	63	15801	0.446 ug/L	98
21) 2-Butanone	3.950	43	20103m	5.127 ug/L	
22) cis-1,2-Dichloroethene	3.818	96	8069	0.400 ug/L	92
23) Bromochloromethane	4.156	128	4216	0.428 ug/L	84
25) Chloroform	4.275	83	17415	0.459 ug/L	92
27) 1,2-Dichloroethane	5.063	62	8609	0.417 ug/L #	85
29) 1,1,1-Trichloroethane	4.506	97	14790	0.458 ug/L	95
30) Cyclohexane	4.574	56	11521	0.430 ug/L	93
31) Carbon tetrachloride	4.725	117	12707	0.446 ug/L	97
33) Benzene	5.014	78	30225	0.400 ug/L	100
34) Trichloroethene	5.844	95	9336	0.453 ug/L	98
35) Methylcyclohexane	6.046	83	12556	0.431 ug/L	93
37) 1,2-Dichloropropane	6.101	63	7818	0.413 ug/L	99
38) Bromodichloromethane	6.439	83	10186	0.400 ug/L #	87
39) cis-1,3-Dichloropropene	6.976	75	10226m	0.399 ug/L	
40) 4-Methyl-2-pentanone	7.165	43	39115m	4.012 ug/L	
42) Toluene	7.323	91	31202	0.390 ug/L	99
44) trans-1,3-Dichloropropene	7.603	75	7876m	0.358 ug/L	

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Quant Time: Nov 19 21:38:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	6728	0.438 ug/L	96
47) Tetrachloroethene	7.908	164	7388	0.446 ug/L	89
48) 2-Hexanone	8.095	43	26868m	3.993 ug/L	
49) Dibromochloromethane	8.178	129	6642	0.397 ug/L	98
50) 1,2-Dibromoethane	8.287	107	6094	0.428 ug/L	87
51) Chlorobenzene	8.815	112	23562	0.427 ug/L	94
52) Ethylbenzene	8.947	91	33596	0.395 ug/L	99
53) m,p-Xylene	9.075	106	11751	0.366 ug/L	95
54) o-Xylene	9.477	106	11476	0.368 ug/L	95
55) Styrene	9.506	104	19081m	0.351 ug/L	
57) 1,1,2,2-Tetrachloroethane	10.178	83	8100	0.451 ug/L	99
59) Bromoform	9.667	173	3011	0.394 ug/L #	98
60) Isopropylbenzene	9.863	105	30222	0.399 ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	5696	0.506 ug/L #	86
62) 1,3,5-Trimethylbenzene	10.474	105	23963	0.399 ug/L	97
63) 1,2,4-Trimethylbenzene	10.847	105	21643	0.361 ug/L	93
64) 1,3-Dichlorobenzene	11.120	146	18276	0.450 ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	18922	0.461 ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	17107	0.455 ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.371	75	1001m	0.396 ug/L	
69) 1,3,5-Trichlorobenzene	12.580	180	13436	0.467 ug/L	98
70) 1,2,4-trichlorobenzene	13.200	180	10417	0.438 ug/L	91
71) Naphthalene	13.445	128	16944	0.458 ug/L #	95
72) 1,2,3-Trichlorobenzene	13.680	180	9825	0.447 ug/L	96

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

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