Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
Data File : VV037920.D
Acq On : 06 Nov 2024 10:29
Operator : SY/MD
Sample : VSTD0.503
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 21:26:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 06 21:26:20 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5203

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/07/2024
Supervised By :Semsettin Yesilyurt 11/07/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.526	114	284979	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.780	117	296597	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	140428	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.278	65	12911	0.592 ug/L	0.00
7) Chloroethane-d5	1.532	69	10471	0.589 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	5711	0.603 ug/L	0.00
20) 2-Butanone-d5	3.879	46	20204m	5.370 ug/L	0.08
24) Chloroform-d	4.252	84	21120	0.531 ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	9054	0.497 ug/L	0.02
32) Benzene-d6	4.963	84	39904	0.522 ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	11423m	0.470 ug/L	0.01
41) Toluene-d8	7.246	98	31575	0.459 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	3937	0.471 ug/L	0.02
46) 2-Hexanone-d5	8.050	63	12503m	3.850 ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.149	84	9245	0.513 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	12631	0.545 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.105	85	14652	0.515 ug/L	97
3) Chloromethane	1.214	50	14383	0.537 ug/L	99
5) Vinyl chloride	1.282	62	13797	0.518 ug/L	89
6) Bromomethane	1.487	94	7866	0.522 ug/L	97
8) Chloroethane	1.548	64	8262	0.521 ug/L	98
9) Trichlorofluoromethane	1.712	101	18898	0.511 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	11164	0.527 ug/L	95
12) 1,1-Dichloroethene	2.066	96	10030	0.515 ug/L	91
13) Acetone	2.137	43	14357	4.975 ug/L	93
14) Carbon disulfide	2.236	76	33747	0.511 ug/L #	94
15) Methyl Acetate	2.397	43	3019	0.442 ug/L #	76
16) Methylene chloride	2.449	84	12518	0.551 ug/L	96
17) Methyl tert-butyl Ether	2.703	73	19205	0.441 ug/L #	96
18) trans-1,2-Dichloroethene	2.693	96	10218	0.486 ug/L	91
19) 1,1-Dichloroethane	3.108	63	18421	0.482 ug/L	98
21) 2-Butanone	3.953	43	21370m	5.408 ug/L	
22) cis-1,2-Dichloroethene	3.825	96	10798	0.487 ug/L	94
23) Bromochloromethane	4.156	128	4649	0.465 ug/L #	81
25) Chloroform	4.275	83	19917	0.496 ug/L	100
27) 1,2-Dichloroethane	5.059	62	10406	0.468 ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	17087	0.482 ug/L	99
30) Cyclohexane	4.564	56	14321m	0.456 ug/L	
31) Carbon tetrachloride	4.728	117	15037	0.483 ug/L	96
33) Benzene	5.014	78	36891	0.453 ug/L	100
34) Trichloroethene	5.841	95	11097	0.492 ug/L	91
35) Methylcyclohexane	6.037	83	15413	0.458 ug/L	98
37) 1,2-Dichloropropane	6.098	63	9269	0.455 ug/L	99
38) Bromodichloromethane	6.436	83	12545	0.464 ug/L	98
39) cis-1,3-Dichloropropene	6.969	75	12857m	0.445 ug/L	
40) 4-Methyl-2-pentanone	7.166	43	42952m	4.276 ug/L	
42) Toluene	7.317	91	36282	0.421 ug/L	99
44) trans-1,3-Dichloropropene	7.600	75	9907m	0.411 ug/L	

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Quant Time: Nov 06 21:26:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 06 21:26:20 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	6712	0.430	ug/L		91
47) Tetrachloroethene	7.902	164	8020	0.457	ug/L		88
48) 2-Hexanone	8.098	43	29748m	4.251	ug/L		
49) Dibromochloromethane	8.175	129	8085	0.459	ug/L		97
50) 1,2-Dibromoethane	8.288	107	6278	0.436	ug/L	#	97
51) Chlorobenzene	8.812	112	27584	0.468	ug/L		95
52) Ethylbenzene	8.947	91	38744	0.417	ug/L		95
53) m,p-Xylene	9.072	106	14199	0.401	ug/L		94
54) o-Xylene	9.477	106	12992	0.385	ug/L		90
55) Styrene	9.506	104	21892m	0.384	ug/L		
57) 1,1,2,2-Tetrachloroethane	10.175	83	8187	0.457	ug/L		88
59) Bromoform	9.667	173	3889	0.475	ug/L		95
60) Isopropylbenzene	9.863	105	35517	0.434	ug/L		100
61) 1,2,3-Trichloropropane	10.210	75	5500	0.501	ug/L		93
62) 1,3,5-Trimethylbenzene	10.474	105	26792	0.416	ug/L		100
63) 1,2,4-Trimethylbenzene	10.850	105	24865	0.392	ug/L		98
64) 1,3-Dichlorobenzene	11.120	146	19104	0.461	ug/L		98
65) 1,4-Dichlorobenzene	11.210	146	21581	0.504	ug/L		92
67) 1,2-Dichlorobenzene	11.577	146	17833	0.465	ug/L		95
68) 1,2-Dibromo-3-chloropr...	12.374	75	1197m	0.502	ug/L		
69) 1,3,5-Trichlorobenzene	12.583	180	13753	0.470	ug/L		94
70) 1,2,4-trichlorobenzene	13.201	180	9432	0.411	ug/L		99
71) Naphthalene	13.451	128	11587m	0.373	ug/L		
72) 1,2,3-Trichlorobenzene	13.683	180	7793	0.394	ug/L		93

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

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