Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091124\
Data File : VV037251.D
Acq On : 11 Sep 2024 11:45
Operator : SY/MD
Sample : P3391-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 02:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 12 01:56:15 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2024-06

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	332575	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	338945	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	158661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	83853	4.298	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.000%			
7) Chloroethane-d5	1.529	69	91004	4.474	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.400%			
11) 1,1-Dichloroethene-d2	2.053	65	43942	4.361	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.200%			
20) 2-Butanone-d5	3.834	46	279098	47.864	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.720%			
24) Chloroform-d	4.243	84	213655	4.510	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
26) 1,2-Dichloroethane-d4	4.940	65	103494	4.666	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.400%			
32) Benzene-d6	4.953	84	417355	4.593	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
36) 1,2-Dichloropropane-d6	5.985	67	138303	4.894	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.800%			
41) Toluene-d8	7.239	98	350958	4.286	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.800%			
43) trans-1,3-Dichloroprop...	7.561	79	37431	4.026	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.600%			
46) 2-Hexanone-d5	8.027	63	207940	45.782	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.560%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	106173	4.610	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.200%			
66) 1,2-Dichlorobenzene-d4	11.558	152	134861	4.781	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	7221	0.234	ug/L	97
3) Chloromethane	1.214	50	8514	0.258	ug/L	100
5) Vinyl chloride	1.278	62	7885	0.243	ug/L #	73
6) Bromomethane	1.487	94	4961	0.255	ug/L	93
8) Chloroethane	1.545	64	4795	0.246	ug/L	90
9) Trichlorofluoromethane	1.709	101	9643	0.239	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6455	0.264	ug/L	92
12) 1,1-Dichloroethene	2.063	96	6507	0.279	ug/L #	1
14) Carbon disulfide	2.233	76	16300	0.222	ug/L	96
15) Methyl Acetate	2.420	43	2200m	0.237	ug/L	
16) Methylene chloride	2.442	84	10374	0.387	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	11981	0.216	ug/L #	92
18) trans-1,2-Dichloroethene	2.693	96	5802	0.237	ug/L	91
19) 1,1-Dichloroethane	3.111	63	10452	0.223	ug/L	95
21) 2-Butanone	3.953	43	17233m	2.793	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	5649	0.213	ug/L	98
23) Bromochloromethane	4.156	128	2815	0.245	ug/L	76
25) Chloroform	4.268	83	13892	0.295	ug/L	93
27) 1,2-Dichloroethane	5.069	62	6235m	0.234	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 1,1,1-Trichloroethane	4.506	97	8983	0.224	ug/L		96
30) Cyclohexane	4.571	56	8599	0.221	ug/L		96
31) Carbon tetrachloride	4.738	117	7584	0.222	ug/L		96
33) Benzene	5.011	78	23545m	0.231	ug/L		
34) Trichloroethene	5.844	95	7132	0.259	ug/L		85
35) Methylcyclohexane	6.047	83	9179m	0.219	ug/L		
37) 1,2-Dichloropropane	6.104	63	6032	0.232	ug/L		98
38) Bromodichloromethane	6.448	83	7498	0.231	ug/L		86
39) cis-1,3-Dichloropropene	6.969	75	8835m	0.235	ug/L		
40) 4-Methyl-2-pentanone	7.175	43	31925m	2.146	ug/L		
42) Toluene	7.323	91	22956	0.216	ug/L		100
44) trans-1,3-Dichloropropene	7.596	75	7643	0.252	ug/L		91
45) 1,1,2-Trichloroethane	7.783	97	3947m	0.212	ug/L		
47) Tetrachloroethene	7.902	164	4809	0.244	ug/L		93
48) 2-Hexanone	8.088	43	41353m	3.803	ug/L		
49) Dibromochloromethane	8.175	129	4098	0.210	ug/L		95
50) 1,2-Dibromoethane	8.288	107	4029	0.229	ug/L	#	87
51) Chlorobenzene	8.818	112	15807	0.223	ug/L		97
52) Ethylbenzene	8.950	91	25590	0.216	ug/L		98
53) m,p-Xylene	9.079	106	9352	0.214	ug/L		99
54) o-Xylene	9.480	106	8131	0.188	ug/L		99
55) Styrene	9.509	104	14506m	0.198	ug/L		
57) 1,1,2,2-Tetrachloroethane	10.175	83	5562	0.248	ug/L	#	92
59) Bromoform	9.670	173	2003	0.216	ug/L	#	91
60) Isopropylbenzene	9.866	105	22436	0.211	ug/L	#	96
61) 1,2,3-Trichloropropane	10.210	75	3778	0.262	ug/L	#	88
62) 1,3,5-Trimethylbenzene	10.474	105	17883	0.212	ug/L		97
63) 1,2,4-Trimethylbenzene	10.853	105	17752	0.210	ug/L		99
64) 1,3-Dichlorobenzene	11.123	146	11996	0.239	ug/L		98
65) 1,4-Dichlorobenzene	11.207	146	12729	0.247	ug/L		94
67) 1,2-Dichlorobenzene	11.574	146	12799	0.275	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.371	75	541	0.181	ug/L	#	65
69) 1,3,5-Trichlorobenzene	12.586	180	8161	0.228	ug/L		96
70) 1,2,4-trichlorobenzene	13.204	180	6763	0.229	ug/L		97
71) Naphthalene	13.455	128	12272	0.272	ug/L	#	88
72) 1,2,3-Trichlorobenzene	13.683	180	6218	0.255	ug/L		97

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

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