Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101424\
Data File : VU061126.D
Acq On : 14 Oct 2024 09:25
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 05:30:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 11 06:46:55 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt

10/15/2024
Supervised By :Mahesh Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	159445	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147715	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47894	4.201	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.000%			
7) Chloroethane-d5	1.907	69	41092	4.816	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.400%			
11) 1,1-Dichloroethene-d2	2.560	65	21953	4.365	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.400%			
20) 2-Butanone-d5	4.618	46	156582	57.343	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.680%			
24) Chloroform-d	5.055	84	110074	5.479	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.600%			
26) 1,2-Dichloroethane-d4	5.692	65	56350	5.292	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.800%			
32) Benzene-d6	5.717	84	199967	5.134	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.600%			
36) 1,2-Dichloropropane-d6	6.682	67	68709	5.372	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.400%			
41) Toluene-d8	7.891	98	180189	4.950	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.000%			
43) trans-1,3-Dichloroprop...	8.174	79	26834	4.907	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.200%			
46) 2-Hexanone-d5	8.624	63	131079	57.905	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.800%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52713	5.620	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	61148	5.604	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	39941	5.139	ug/L	99
3) Chloromethane	1.518	50	55291	4.927	ug/L	96
5) Vinyl chloride	1.599	62	59867	5.313	ug/L	99
6) Bromomethane	1.853	94	23201	3.860	ug/L	96
8) Chloroethane	1.927	64	38836	5.683	ug/L	98
9) Trichlorofluoromethane	2.132	101	83999	5.802	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54323	5.681	ug/L	95
12) 1,1-Dichloroethene	2.573	96	51936	5.641	ug/L	95
13) Acetone	2.631	43	89871	51.176	ug/L	98
14) Carbon disulfide	2.785	76	170866	5.461	ug/L	100
15) Methyl Acetate	2.949	43	21985	5.142	ug/L	99
16) Methylene chloride	3.036	84	59496	5.629	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	146167	5.548	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	57263	5.674	ug/L	97
19) 1,1-Dichloroethane	3.859	63	112985	5.753	ug/L	97
21) 2-Butanone	4.698	43	155230	53.694	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	63583	5.656	ug/L	95
23) Bromochloromethane	4.965	128	26336	5.821	ug/L	92
25) Chloroform	5.078	83	111979	5.692	ug/L	98

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ALS Vial : 2 Sample Multiplier: 1

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Quant Title : TRACE VOA SFAM1.0
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED

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Supervised By :Mahesh Dadoda
10/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	73255	5.653	ug/L	#	94
29) 1,1,1-Trichloroethane	5.306	97	97315	5.693	ug/L		98
30) Cyclohexane	5.380	56	103136	5.416	ug/L		95
31) Carbon tetrachloride	5.515	117	82752	5.704	ug/L		99
33) Benzene	5.766	78	250844	5.761	ug/L		100
34) Trichloroethene	6.534	95	64373	5.453	ug/L		97
35) Methylcyclohexane	6.756	83	105383	5.528	ug/L		99
37) 1,2-Dichloropropane	6.782	63	66691	5.812	ug/L		99
38) Bromodichloromethane	7.097	83	82776	5.770	ug/L		98
39) cis-1,3-Dichloropropene	7.598	75	99497	5.530	ug/L		99
40) 4-Methyl-2-pentanone	7.782	43	392772	53.437	ug/L		95
42) Toluene	7.962	91	266567	5.746	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	82765	5.563	ug/L		96
45) 1,1,2-Trichloroethane	8.393	97	43315	5.695	ug/L		98
47) Tetrachloroethene	8.547	164	44199	5.753	ug/L		95
48) 2-Hexanone	8.676	43	276582	54.275	ug/L		97
49) Dibromochloromethane	8.801	129	52378	5.919	ug/L		96
50) 1,2-Dibromoethane	8.917	107	41305	5.737	ug/L	#	100
51) Chlorobenzene	9.441	112	160760	5.689	ug/L		96
52) Ethylbenzene	9.563	91	294891	5.609	ug/L		98
53) m,p-Xylene	9.685	106	106394	5.548	ug/L		91
54) o-Xylene	10.094	106	106906	5.666	ug/L		92
55) Styrene	10.106	104	171378	5.628	ug/L		93
57) 1,1,2,2-Tetrachloroethane	10.775	83	54225	5.674	ug/L		96
59) Bromoform	10.283	173	27707	5.916	ug/L	#	98
60) Isopropylbenzene	10.476	105	266781	5.846	ug/L		98
61) 1,2,3-Trichloropropane	10.814	75	37686	5.622	ug/L		99
62) 1,3,5-Trimethylbenzene	11.081	105	230642	5.735	ug/L		98
63) 1,2,4-Trimethylbenzene	11.460	105	231896	5.712	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	115058	5.882	ug/L		96
65) 1,4-Dichlorobenzene	11.830	146	113424	5.866	ug/L		96
67) 1,2-Dichlorobenzene	12.206	146	108060	5.977	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8196	5.606	ug/L		82
69) 1,3,5-Trichlorobenzene	13.212	180	81173m	5.893	ug/L		
70) 1,2,4-trichlorobenzene	13.833	180	66101	6.262	ug/L		96
71) Naphthalene	14.080	128	113632	6.590	ug/L		100
72) 1,2,3-Trichlorobenzene	14.325	180	54881	6.248	ug/L		97

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

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