Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
Data File : VU060354.D
Acq On : 08 Aug 2024 13:44
Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 08 23:57:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 08 23:46:27 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VICV005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	125534	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	128970	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48571	4.929	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.600%			
7) Chloroethane-d5	1.911	69	43769	4.926	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.600%			
11) 1,1-Dichloroethene-d2	2.560	65	20597	4.911	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.200%			
20) 2-Butanone-d5	4.641	46	103062	49.283	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.560%			
24) Chloroform-d	5.055	84	97520	4.998	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.000%			
26) 1,2-Dichloroethane-d4	5.695	65	44317	4.898	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	5.721	84	193013	4.962	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.200%			
36) 1,2-Dichloropropane-d6	6.682	67	59329	4.918	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.400%			
41) Toluene-d8	7.891	98	184354	5.309	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.200%			
43) trans-1,3-Dichloroprop...	8.177	79	19924	5.108	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.200%			
46) 2-Hexanone-d5	8.631	63	91992	53.147	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.300%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48354	4.885	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	65341	5.267	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	34901	5.154	ug/L	98
3) Chloromethane	1.518	50	41740	4.956	ug/L	97
5) Vinyl chloride	1.602	62	49457	5.015	ug/L	98
6) Bromomethane	1.856	94	35773	5.122	ug/L	97
8) Chloroethane	1.930	64	33221	4.967	ug/L	98
9) Trichlorofluoromethane	2.136	101	70327	5.087	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	46260	5.077	ug/L	99
12) 1,1-Dichloroethene	2.576	96	42436	5.127	ug/L	85
13) Acetone	2.657	43	75574m	52.922	ug/L	
14) Carbon disulfide	2.789	76	106750	5.112	ug/L	100
15) Methyl Acetate	2.962	43	15444	5.220	ug/L	100
16) Methylene chloride	3.039	84	50883	4.324	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	100192	5.134	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	42870	5.280	ug/L	96
19) 1,1-Dichloroethane	3.862	63	85987	5.129	ug/L	99
21) 2-Butanone	4.718	43	105324	49.485	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	50754	5.178	ug/L	99
23) Bromochloromethane	4.968	128	23174	5.122	ug/L	96
25) Chloroform	5.081	83	91695	5.028	ug/L	98

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Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 08 23:57:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 08 23:46:27 2024
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Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	49088	5.061 ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	74122	5.250 ug/L	100
30) Cyclohexane	5.380	56	61308	5.364 ug/L	99
31) Carbon tetrachloride	5.518	117	63671	5.146 ug/L	99
33) Benzene	5.769	78	197548	5.320 ug/L	100
34) Trichloroethene	6.538	95	52048	5.355 ug/L	97
35) Methylcyclohexane	6.756	83	67757	5.339 ug/L	97
37) 1,2-Dichloropropane	6.782	63	52957	5.240 ug/L	99
38) Bromodichloromethane	7.100	83	65576	5.250 ug/L	92
39) cis-1,3-Dichloropropene	7.602	75	71367	5.199 ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	259731	55.060 ug/L	100
42) Toluene	7.965	91	215963	5.504 ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	59001	5.203 ug/L	93
45) 1,1,2-Trichloroethane	8.393	97	39014	5.041 ug/L	98
47) Tetrachloroethene	8.547	164	40027	5.265 ug/L	98
48) 2-Hexanone	8.679	43	203056	56.782 ug/L	99
49) Dibromochloromethane	8.801	129	43158	5.244 ug/L	92
50) 1,2-Dibromoethane	8.917	107	35429	5.142 ug/L	99
51) Chlorobenzene	9.441	112	140532	5.309 ug/L	97
52) Ethylbenzene	9.563	91	222186	5.375 ug/L	98
53) m,p-Xylene	9.689	106	85297	5.429 ug/L	98
54) o-Xylene	10.094	106	82794	5.507 ug/L	98
55) Styrene	10.110	104	147605	5.675 ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	49307	5.123 ug/L	99
59) Bromoform	10.283	173	26912	5.263 ug/L	98
60) Isopropylbenzene	10.480	105	223398	5.494 ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	33165	5.087 ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	173944	5.556 ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	172497	5.591 ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	113780	5.490 ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	113416	5.429 ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	105819	5.408 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	6910	5.653 ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	84354	5.386 ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	68225	5.549 ug/L	99
71) Naphthalene	14.081	128	97119	5.555 ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	60579	5.499 ug/L	99

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

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