Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
Data File : VU057185.D
Acq On : 22 Dec 2023 12:52
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

Quant Time: Dec 22 22:42:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 22 01:33:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	166473	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86068	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	72243	4.540	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.800%			
7) Chloroethane-d5	1.914	69	59006	4.505	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	2.563	65	30236	4.386	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.800%			
20) 2-Butanone-d5	4.621	46	136158	54.502	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.000%			
24) Chloroform-d	5.055	84	155417	5.058	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
26) 1,2-Dichloroethane-d4	5.695	65	75200	5.135	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.800%			
32) Benzene-d6	5.721	84	276130	4.807	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.200%			
36) 1,2-Dichloropropane-d6	6.682	67	80898	4.949	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.891	98	254141	4.846	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.000%			
43) trans-1,3-Dichloroprop...	8.174	79	32661	4.800	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.000%			
46) 2-Hexanone-d5	8.627	63	124826	53.877	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.760%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	63905	5.494	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	87317	4.715	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	82460	5.297	ug/L	99
3) Chloromethane	1.518	50	76095	5.578	ug/L	100
5) Vinyl chloride	1.602	62	81061	5.570	ug/L	100
6) Bromomethane	1.856	94	41971	6.595	ug/L	98
8) Chloroethane	1.933	64	47557	5.147	ug/L	96
9) Trichlorofluoromethane	2.136	101	135183	5.056	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	71989	5.200	ug/L	98
12) 1,1-Dichloroethene	2.576	96	61651	4.953	ug/L	97
13) Acetone	2.637	43	80420	53.540	ug/L	97
14) Carbon disulfide	2.792	76	179701	4.589	ug/L	100
15) Methyl Acetate	2.949	43	19764	5.580	ug/L	99
16) Methylene chloride	3.039	84	70860	4.898	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	143775	5.440	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	63210	5.209	ug/L	95
19) 1,1-Dichloroethane	3.862	63	125965	5.230	ug/L	99
21) 2-Butanone	4.702	43	121780	53.199	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	72588	5.431	ug/L	98
23) Bromochloromethane	4.968	128	30914	5.338	ug/L	92
25) Chloroform	5.081	83	142794	5.256	ug/L	96

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

Quant Time: Dec 22 22:42:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	84004	5.241	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	131377	4.936	ug/L	99
30) Cyclohexane	5.383	56	89678	4.983	ug/L	98
31) Carbon tetrachloride	5.518	117	113944	4.867	ug/L	97
33) Benzene	5.769	78	277489	5.227	ug/L	100
34) Trichloroethene	6.538	95	77700	5.004	ug/L	99
35) Methylcyclohexane	6.756	83	104238	5.100	ug/L	99
37) 1,2-Dichloropropane	6.785	63	69382	5.253	ug/L	99
38) Bromodichloromethane	7.100	83	98478	5.154	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	103063	5.188	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	302093	52.617	ug/L	100
42) Toluene	7.965	91	300293	5.337	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	88639	5.228	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	48966	5.374	ug/L	92
47) Tetrachloroethene	8.547	164	55818	5.017	ug/L	95
48) 2-Hexanone	8.679	43	223393	52.884	ug/L	99
49) Dibromochloromethane	8.804	129	61010	5.165	ug/L	94
50) 1,2-Dibromoethane	8.917	107	46603	5.448	ug/L	98
51) Chlorobenzene	9.441	112	194698	5.316	ug/L	96
52) Ethylbenzene	9.563	91	333055	5.253	ug/L	96
53) m,p-Xylene	9.689	106	125203	5.398	ug/L	94
54) o-Xylene	10.094	106	120510	5.385	ug/L	92
55) Styrene	10.110	104	205592	5.570	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	59862	5.448	ug/L	99
59) Bromoform	10.283	173	34881	5.281	ug/L	96
60) Isopropylbenzene	10.480	105	337357	5.316	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	42492	5.299	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	271927	5.229	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	272615	5.313	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	156721	5.225	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	149232	4.943	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	139646	5.206	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	9476	5.210	ug/L	83
69) 1,3,5-Trichlorobenzene	13.213	180	114240	5.120	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	82453	4.719	ug/L	98
71) Naphthalene	14.081	128	106679	4.827	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	66665	4.892	ug/L	98

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

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Instrument :
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