Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
Data File : VU057280.D
Acq On : 27 Dec 2023 11:23
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005110

Quant Time: Dec 28 00:57:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 27 01:05:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	167568	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	172448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	91565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	88572	5.530	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.600%			
7) Chloroethane-d5	1.911	69	67066	5.087	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.800%			
11) 1,1-Dichloroethene-d2	2.560	65	34724	5.004	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.000%			
20) 2-Butanone-d5	4.624	46	150085	59.684	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.360%			
24) Chloroform-d	5.055	84	145600	4.707	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.200%			
26) 1,2-Dichloroethane-d4	5.695	65	68558	4.651	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
32) Benzene-d6	5.721	84	276670	4.678	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%			
36) 1,2-Dichloropropane-d6	6.682	67	83947	4.987	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.800%			
41) Toluene-d8	7.891	98	252793	4.681	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
43) trans-1,3-Dichloroprop...	8.174	79	32358	4.618	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.400%			
46) 2-Hexanone-d5	8.627	63	120701	50.596	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.200%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	62533	5.221	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	82532	4.189	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	69123	4.411	ug/L	100
3) Chloromethane	1.518	50	74361	5.415	ug/L	100
5) Vinyl chloride	1.602	62	81593	5.570	ug/L	99
6) Bromomethane	1.856	94	35932	5.609	ug/L	97
8) Chloroethane	1.933	64	47763	5.136	ug/L	98
9) Trichlorofluoromethane	2.136	101	114445	4.252	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	67012	4.809	ug/L	99
12) 1,1-Dichloroethene	2.576	96	60701	4.845	ug/L	94
13) Acetone	2.641	43	88339	58.428	ug/L	99
14) Carbon disulfide	2.788	76	179745	4.560	ug/L	99
15) Methyl Acetate	2.949	43	23570	6.611	ug/L	94
16) Methylene chloride	3.039	84	70416	4.835	ug/L	94
17) Methyl tert-butyl Ether	3.351	73	140577	5.284	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	61762	5.056	ug/L	98
19) 1,1-Dichloroethane	3.862	63	128975	5.320	ug/L	99
21) 2-Butanone	4.705	43	137967	59.876	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	70332	5.228	ug/L	95
23) Bromochloromethane	4.965	128	30556	5.241	ug/L	90
25) Chloroform	5.078	83	137511	5.029	ug/L	97

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ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005110

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 27 01:05:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	78642	4.874	ug/L	#	95
29) 1,1,1-Trichloroethane	5.306	97	119621	4.365	ug/L		98
30) Cyclohexane	5.383	56	85324	4.605	ug/L		97
31) Carbon tetrachloride	5.518	117	101157	4.196	ug/L		99
33) Benzene	5.766	78	275314	5.036	ug/L		100
34) Trichloroethene	6.534	95	72304	4.523	ug/L		98
35) Methylcyclohexane	6.756	83	88942	4.226	ug/L		96
37) 1,2-Dichloropropane	6.785	63	72268	5.314	ug/L		100
38) Bromodichloromethane	7.097	83	94247	4.790	ug/L		95
39) cis-1,3-Dichloropropene	7.602	75	93123	4.552	ug/L		95
40) 4-Methyl-2-pentanone	7.785	43	350227	59.244	ug/L		97
42) Toluene	7.962	91	290726	5.018	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	79447	4.551	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	50801	5.415	ug/L		94
47) Tetrachloroethene	8.547	164	51762	4.518	ug/L		98
48) 2-Hexanone	8.679	43	257751	59.261	ug/L		96
49) Dibromochloromethane	8.804	129	60268	4.955	ug/L		92
50) 1,2-Dibromoethane	8.917	107	46300	5.256	ug/L		96
51) Chlorobenzene	9.441	112	179776	4.768	ug/L		98
52) Ethylbenzene	9.563	91	295440	4.525	ug/L		99
53) m,p-Xylene	9.689	106	113408	4.749	ug/L		95
54) o-Xylene	10.094	106	106987	4.643	ug/L		95
55) Styrene	10.110	104	182555	4.804	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.775	83	61670	5.451	ug/L	#	98
59) Bromoform	10.283	173	33177	4.722	ug/L		96
60) Isopropylbenzene	10.479	105	294234	4.358	ug/L		98
61) 1,2,3-Trichloropropane	10.817	75	42732	5.009	ug/L		99
62) 1,3,5-Trimethylbenzene	11.081	105	225192	4.071	ug/L		99
63) 1,2,4-Trimethylbenzene	11.460	105	228410	4.184	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	144549	4.530	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	138809	4.321	ug/L		98
67) 1,2-Dichlorobenzene	12.206	146	126698	4.440	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9015	4.659	ug/L		93
69) 1,3,5-Trichlorobenzene	13.213	180	94565	3.984	ug/L		97
70) 1,2,4-trichlorobenzene	13.833	180	71343	3.838	ug/L		99
71) Naphthalene	14.081	128	94822	4.033	ug/L		98
72) 1,2,3-Trichlorobenzene	14.322	180	60328	4.161	ug/L		99

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

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