Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056826.D
Acq On : 14 Dec 2023 09:28
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

Quant Time: Dec 15 00:47:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 01:32:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	239920	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240738	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111639	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	91526	4.451	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.000%			
7) Chloroethane-d5	1.911	69	74782	4.859	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.200%			
11) 1,1-Dichloroethene-d2	2.563	65	41483	4.715	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.200%			
20) 2-Butanone-d5	4.624	46	215953	53.173	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.340%			
24) Chloroform-d	5.055	84	214621	5.511	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.200%			
26) 1,2-Dichloroethane-d4	5.695	65	99195	5.383	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.600%			
32) Benzene-d6	5.721	84	399654	5.352	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.000%			
36) 1,2-Dichloropropane-d6	6.685	67	121834	5.213	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.200%			
41) Toluene-d8	7.894	98	352305	5.279	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.600%			
43) trans-1,3-Dichloroprop...	8.177	79	46705	5.153	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.000%			
46) 2-Hexanone-d5	8.631	63	174744	51.119	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.240%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	91366	5.403	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	115125	5.246	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	132562	5.273	ug/L	98
3) Chloromethane	1.515	50	127716	5.167	ug/L	99
5) Vinyl chloride	1.602	62	134642	5.485	ug/L	98
6) Bromomethane	1.856	94	80701	5.576	ug/L	97
8) Chloroethane	1.930	64	75746	5.267	ug/L	98
9) Trichlorofluoromethane	2.136	101	186647	5.395	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	112211	5.288	ug/L	98
12) 1,1-Dichloroethene	2.576	96	102930	5.284	ug/L	93
13) Acetone	2.634	43	120101	48.525	ug/L	100
14) Carbon disulfide	2.788	76	343406	5.081	ug/L	100
15) Methyl Acetate	2.952	43	33925	5.035	ug/L	91
16) Methylene chloride	3.039	84	117258	5.526	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	211609	4.899	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	103803	5.256	ug/L	97
19) 1,1-Dichloroethane	3.862	63	199608	5.254	ug/L	97
21) 2-Butanone	4.702	43	196564	47.094	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	110423	5.139	ug/L	98
23) Bromochloromethane	4.968	128	46974	5.222	ug/L	96
25) Chloroform	5.081	83	213003	5.352	ug/L	100

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

Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

Quant Time: Dec 15 00:47:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 01:32:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	118141	5.020	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	185662	5.335	ug/L	98
30) Cyclohexane	5.383	56	162815	4.985	ug/L	100
31) Carbon tetrachloride	5.518	117	157737	5.215	ug/L	99
33) Benzene	5.769	78	451019	5.331	ug/L	100
34) Trichloroethene	6.537	95	119898	5.166	ug/L	96
35) Methylcyclohexane	6.759	83	167894	4.902	ug/L	98
37) 1,2-Dichloropropane	6.785	63	115667	5.344	ug/L	99
38) Bromodichloromethane	7.100	83	140168	5.079	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	155316	4.924	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	495044	48.171	ug/L	99
42) Toluene	7.965	91	472951	5.403	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	125564	4.857	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	76158	5.205	ug/L	97
47) Tetrachloroethene	8.547	164	85282	5.251	ug/L	95
48) 2-Hexanone	8.682	43	359040	49.053	ug/L	99
49) Dibromochloromethane	8.804	129	84068	4.999	ug/L	95
50) 1,2-Dibromoethane	8.920	107	68084	5.014	ug/L	99
51) Chlorobenzene	9.441	112	288934	5.179	ug/L	99
52) Ethylbenzene	9.566	91	492539	5.100	ug/L	100
53) m,p-Xylene	9.692	106	185647	5.160	ug/L	95
54) o-Xylene	10.097	106	174335	5.086	ug/L	100
55) Styrene	10.110	104	299962	5.329	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	89660	5.072	ug/L	97
59) Bromoform	10.283	173	47703	5.233	ug/L	98
60) Isopropylbenzene	10.479	105	473145	5.364	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	62212	5.190	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	366789	5.088	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	365278	5.102	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	216662	5.193	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	207926	5.061	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	200788	5.283	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	11447	4.783	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	140994	4.472	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	101084	4.049	ug/L	99
71) Naphthalene	14.084	128	119248	3.264	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	81185	3.830	ug/L	97

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

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ALS Vial : 2 Sample Multiplier: 1

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ClientSampleId :
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