Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
Data File : VU057032.D
Acq On : 19 Dec 2023 09:47
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Quant Time: Dec 20 04:52:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 19 02:36:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	237970	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	238293	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	117901	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	90053	4.415	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.200%			
7) Chloroethane-d5	1.907	69	57356	3.758	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.200%			
11) 1,1-Dichloroethene-d2	2.557	65	36744	4.210	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.200%			
20) 2-Butanone-d5	4.627	46	158677	39.391	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.780%			
24) Chloroform-d	5.055	84	168654	4.366	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.400%			
26) 1,2-Dichloroethane-d4	5.695	65	76729	4.198	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%			
32) Benzene-d6	5.721	84	312381	4.226	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.600%			
36) 1,2-Dichloropropane-d6	6.685	67	93194	4.028	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.600%			
41) Toluene-d8	7.894	98	288580	4.368	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.400%			
43) trans-1,3-Dichloroprop...	8.177	79	37477	4.177	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.600%			
46) 2-Hexanone-d5	8.640	63	144401	42.676	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.360%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	70700	4.224	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	97681	4.215	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	117421	4.709	ug/L	97
3) Chloromethane	1.515	50	125467	5.117	ug/L	98
5) Vinyl chloride	1.602	62	124269	5.104	ug/L	97
6) Bromomethane	1.853	94	56178	3.913	ug/L	98
8) Chloroethane	1.927	64	59159	4.148	ug/L	96
9) Trichlorofluoromethane	2.126	101	181436	5.287	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	105416	5.009	ug/L	97
12) 1,1-Dichloroethene	2.570	96	92775	4.802	ug/L	98
13) Acetone	2.634	43	116379	47.407	ug/L	100
14) Carbon disulfide	2.785	76	274308	4.092	ug/L	99
15) Methyl Acetate	2.949	43	30369	4.544	ug/L	98
16) Methylene chloride	3.039	84	102380	4.864	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	206834	4.828	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	94079	4.803	ug/L	97
19) 1,1-Dichloroethane	3.859	63	186788	4.957	ug/L	98
21) 2-Butanone	4.705	43	191918	46.358	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	104236	4.891	ug/L	95
23) Bromochloromethane	4.965	128	43326	4.856	ug/L	96
25) Chloroform	5.081	83	195114	4.943	ug/L	99

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

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Quant Time: Dec 20 04:52:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 19 02:36:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.788	62	113602	4.866	ug/L		96
29) 1,1,1-Trichloroethane	5.309	97	175563	5.097	ug/L		98
30) Cyclohexane	5.380	56	143808	4.448	ug/L		98
31) Carbon tetrachloride	5.518	117	148754	4.969	ug/L		99
33) Benzene	5.766	78	400353	4.781	ug/L		100
34) Trichloroethene	6.537	95	108250	4.712	ug/L		99
35) Methylcyclohexane	6.756	83	154785	4.566	ug/L		97
37) 1,2-Dichloropropane	6.785	63	100491	4.691	ug/L		99
38) Bromodichloromethane	7.100	83	132436	4.848	ug/L		100
39) cis-1,3-Dichloropropene	7.602	75	147526	4.725	ug/L		98
40) 4-Methyl-2-pentanone	7.795	43	496465	48.805	ug/L		98
42) Toluene	7.965	91	428310	4.943	ug/L		98
44) trans-1,3-Dichloropropene	8.206	75	122648	4.793	ug/L		98
45) 1,1,2-Trichloroethane	8.396	97	72203	4.985	ug/L		96
47) Tetrachloroethene	8.550	164	76381	4.751	ug/L		98
48) 2-Hexanone	8.692	43	374042	51.627	ug/L		100
49) Dibromochloromethane	8.807	129	83123	4.993	ug/L		100
50) 1,2-Dibromoethane	8.920	107	65698	4.888	ug/L		99
51) Chlorobenzene	9.444	112	273005	4.943	ug/L		98
52) Ethylbenzene	9.566	91	473347	4.952	ug/L		99
53) m,p-Xylene	9.692	106	180371	5.065	ug/L		98
54) o-Xylene	10.097	106	173310	5.108	ug/L		99
55) Styrene	10.113	104	299539	5.377	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.782	83	87945	5.026	ug/L	#	98
59) Bromoform	10.290	173	48011	4.987	ug/L		99
60) Isopropylbenzene	10.479	105	476557	5.116	ug/L		99
61) 1,2,3-Trichloropropane	10.823	75	60529	4.781	ug/L		97
62) 1,3,5-Trimethylbenzene	11.084	105	389622	5.118	ug/L		98
63) 1,2,4-Trimethylbenzene	11.463	105	397282	5.254	ug/L		99
64) 1,3-Dichlorobenzene	11.743	146	213580	4.847	ug/L		99
65) 1,4-Dichlorobenzene	11.833	146	209227	4.822	ug/L		98
67) 1,2-Dichlorobenzene	12.209	146	191910	4.781	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.994	75	12439	4.922	ug/L		95
69) 1,3,5-Trichlorobenzene	13.216	180	150554	4.522	ug/L		99
70) 1,2,4-trichlorobenzene	13.836	180	113340	4.299	ug/L		99
71) Naphthalene	14.084	128	155471	4.029	ug/L		99
72) 1,2,3-Trichlorobenzene	14.325	180	94314	4.213	ug/L		98

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

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Acq On : 19 Dec 2023 09:47
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Quant Time: Dec 20 04:52:12 2023
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