Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
Data File : VU062779.D
Acq On : 15 Jan 2025 20:00
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

Quant Time: Jan 16 01:52:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 00:44:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	96905	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	91764	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	50279	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17065	3.180	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.600%			
7) Chloroethane-d5	1.898	69	17110	3.963	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.200%			
11) 1,1-Dichloroethene-d2	2.554	65	10276	3.696	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.000%			
20) 2-Butanone-d5	4.602	46	64833	59.105	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.220%			
24) Chloroform-d	5.046	84	66260	5.018	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.400%			
26) 1,2-Dichloroethane-d4	5.685	65	37586	5.248	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.000%			
32) Benzene-d6	5.714	84	102894	4.587	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
36) 1,2-Dichloropropane-d6	6.676	67	30401	4.888	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.800%			
41) Toluene-d8	7.888	98	97055	4.441	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.800%			
43) trans-1,3-Dichloroprop...	8.168	79	15556	5.018	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.400%			
46) 2-Hexanone-d5	8.618	63	56886	58.343	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.680%			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	29735	5.709	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.200%			
66) 1,2-Dichlorobenzene-d4	12.180	152	41510	4.962	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	45891	4.971	ug/L	100
3) Chloromethane	1.515	50	28248	4.560	ug/L	100
5) Vinyl chloride	1.599	62	33371	4.784	ug/L	97
6) Bromomethane	1.840	94	17268	3.402	ug/L	97
8) Chloroethane	1.920	64	20615	4.919	ug/L	98
9) Trichlorofluoromethane	2.126	101	72114	5.125	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	35594	5.235	ug/L	100
12) 1,1-Dichloroethene	2.567	96	29716	4.940	ug/L	96
13) Acetone	2.612	43	41307	47.537	ug/L	98
14) Carbon disulfide	2.779	76	89960	4.682	ug/L	100
15) Methyl Acetate	2.936	43	9970	5.299	ug/L	100
16) Methylene chloride	3.030	84	33556	5.092	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	84741	5.126	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	32407	5.028	ug/L	96
19) 1,1-Dichloroethane	3.853	63	58714	5.095	ug/L	93
21) 2-Butanone	4.685	43	59161	51.121	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	36916	5.260	ug/L	97
23) Bromochloromethane	4.959	128	16892	5.098	ug/L	98
25) Chloroform	5.071	83	73191	5.161	ug/L	97

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

Quant Time: Jan 16 01:52:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 00:44:09 2025
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.779	62	49742	5.364	ug/L		98
29) 1,1,1-Trichloroethane	5.300	97	70357	5.055	ug/L		99
30) Cyclohexane	5.374	56	44085	4.850	ug/L		96
31) Carbon tetrachloride	5.512	117	65911	5.153	ug/L		98
33) Benzene	5.759	78	132148	5.012	ug/L		100
34) Trichloroethene	6.531	95	39838	4.423	ug/L		95
35) Methylcyclohexane	6.750	83	53890	4.863	ug/L		98
37) 1,2-Dichloropropane	6.779	63	31911	5.131	ug/L		98
38) Bromodichloromethane	7.094	83	51334	5.132	ug/L		97
39) cis-1,3-Dichloropropene	7.595	75	54030	5.102	ug/L		99
40) 4-Methyl-2-pentanone	7.775	43	149797	51.561	ug/L		99
42) Toluene	7.959	91	148562	5.142	ug/L		99
44) trans-1,3-Dichloropropene	8.200	75	47883	5.245	ug/L		99
45) 1,1,2-Trichloroethane	8.389	97	26688	5.283	ug/L		94
47) Tetrachloroethene	8.541	164	31711	5.112	ug/L		97
48) 2-Hexanone	8.669	43	108309	51.855	ug/L		97
49) Dibromochloromethane	8.798	129	36529	5.386	ug/L		99
50) 1,2-Dibromoethane	8.910	107	26088	5.398	ug/L		97
51) Chlorobenzene	9.438	112	98256	5.201	ug/L		99
52) Ethylbenzene	9.560	91	173009	5.277	ug/L		96
53) m,p-Xylene	9.682	106	65073	5.307	ug/L		100
54) o-Xylene	10.090	106	62250	5.301	ug/L		99
55) Styrene	10.103	104	107784	5.487	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.769	83	30610	5.402	ug/L	#	93
59) Bromoform	10.280	173	22220	5.067	ug/L		98
60) Isopropylbenzene	10.473	105	176321	5.089	ug/L		99
61) 1,2,3-Trichloropropane	10.811	75	22692	5.088	ug/L		98
62) 1,3,5-Trimethylbenzene	11.077	105	157385	5.344	ug/L		99
63) 1,2,4-Trimethylbenzene	11.457	105	150135	5.270	ug/L		100
64) 1,3-Dichlorobenzene	11.733	146	83492	5.198	ug/L		98
65) 1,4-Dichlorobenzene	11.827	146	83319	5.144	ug/L		99
67) 1,2-Dichlorobenzene	12.200	146	76450	5.078	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.987	75	5569	4.821	ug/L		88
69) 1,3,5-Trichlorobenzene	13.209	180	59906	4.952	ug/L		98
70) 1,2,4-trichlorobenzene	13.830	180	44122	4.528	ug/L		98
71) Naphthalene	14.081	128	56377	3.954	ug/L		100
72) 1,2,3-Trichlorobenzene	14.319	180	37293	4.391	ug/L		98

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

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ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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