Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
Data File : VU055059.D
Acq On : 01 Sep 2023 22:45
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

Quant Time: Sep 01 23:51:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 01 23:46:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	189531	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	196985	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	111145	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44568	5.017	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.400%			
7) Chloroethane-d5	1.907	69	50140	4.876	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.600%			
11) 1,1-Dichloroethene-d2	2.563	65	25963	5.130	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.600%			
20) 2-Butanone-d5	4.628	46	157007	60.908	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.820%			
24) Chloroform-d	5.062	84	127246	5.398	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.000%			
26) 1,2-Dichloroethane-d4	5.698	65	64799	5.495	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.800%			
32) Benzene-d6	5.724	84	247221	5.084	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.600%			
36) 1,2-Dichloropropane-d6	6.689	67	78143	5.053	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.000%			
41) Toluene-d8	7.894	98	228051	5.091	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.800%			
43) trans-1,3-Dichloroprop...	8.177	79	22879	5.372	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.400%			
46) 2-Hexanone-d5	8.631	63	101140	58.494	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.980%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60891	5.598	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.000%			
66) 1,2-Dichlorobenzene-d4	12.190	152	84210	5.191	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	58594	5.320	ug/L	98
3) Chloromethane	1.515	50	57947	5.168	ug/L	99
5) Vinyl chloride	1.602	62	63210	5.344	ug/L	96
6) Bromomethane	1.853	94	35490	4.975	ug/L	98
8) Chloroethane	1.930	64	40620	5.274	ug/L	98
9) Trichlorofluoromethane	2.132	101	89086	5.179	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	52047	5.201	ug/L	99
12) 1,1-Dichloroethene	2.576	96	45866	5.234	ug/L	98
13) Acetone	2.634	43	87824	50.834	ug/L	98
14) Carbon disulfide	2.788	76	109774	5.116	ug/L	100
15) Methyl Acetate	2.956	43	22508	6.365	ug/L	98
16) Methylene chloride	3.039	84	69706	5.206	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	132762	5.777	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	46249	5.202	ug/L	95
19) 1,1-Dichloroethane	3.866	63	104850	5.457	ug/L	98
21) 2-Butanone	4.708	43	148166	58.370	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	56678	5.208	ug/L	97
23) Bromochloromethane	4.972	128	25801	5.765	ug/L	95
25) Chloroform	5.084	83	110564	5.525	ug/L	95

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

Quant Time: Sep 01 23:51:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	67408	5.519	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	89067	5.227	ug/L	98
30) Cyclohexane	5.386	56	75780	5.001	ug/L	99
31) Carbon tetrachloride	5.521	117	73016	5.153	ug/L	99
33) Benzene	5.772	78	221595	5.286	ug/L	100
34) Trichloroethene	6.541	95	60795	5.218	ug/L	96
35) Methylcyclohexane	6.759	83	79385	4.856	ug/L	97
37) 1,2-Dichloropropane	6.785	63	62140	5.444	ug/L	98
38) Bromodichloromethane	7.103	83	72417	5.314	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	79872	5.145	ug/L	91
40) 4-Methyl-2-pentanone	7.788	43	368112	56.538	ug/L	99
42) Toluene	7.965	91	232573	5.204	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	65410	5.368	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	44637	5.806	ug/L	93
47) Tetrachloroethene	8.550	164	42235	5.245	ug/L	96
48) 2-Hexanone	8.682	43	283249	55.541	ug/L	99
49) Dibromochloromethane	8.807	129	44473	5.299	ug/L	98
50) 1,2-Dibromoethane	8.920	107	40833	5.833	ug/L	90
51) Chlorobenzene	9.444	112	150379	5.080	ug/L	99
52) Ethylbenzene	9.569	91	254666	5.093	ug/L	99
53) m,p-Xylene	9.692	106	95744	5.175	ug/L	99
54) o-Xylene	10.097	106	92485	5.080	ug/L	95
55) Styrene	10.113	104	151839	5.050	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	55189	5.763	ug/L	97
59) Bromoform	10.286	173	24846	5.595	ug/L	96
60) Isopropylbenzene	10.483	105	254273	4.906	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	40039	5.428	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	208868	4.844	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	193989	4.565	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	120291	4.835	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	120017	4.840	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	113164	4.851	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	7333	5.161	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	81876	4.355	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	62685	3.555	ug/L	96
71) Naphthalene	14.084	128	94054	2.935	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	56543	3.695	ug/L	98

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

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

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