Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
Data File : VU057331.D
Acq On : 28 Dec 2023 13:10
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

Quant Time: Dec 28 20:49:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 28 05:49:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	243239	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240764	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	121310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	105702	5.055	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.000%			
7) Chloroethane-d5	1.911	69	89670	5.339	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.800%			
11) 1,1-Dichloroethene-d2	2.560	65	41986	5.045	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.800%			
20) 2-Butanone-d5	4.637	46	212993	44.972	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.940%			
24) Chloroform-d	5.055	84	189925	5.108	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.200%			
26) 1,2-Dichloroethane-d4	5.695	65	91263	4.802	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
32) Benzene-d6	5.721	84	346720	5.052	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
36) 1,2-Dichloropropane-d6	6.682	67	109359	5.085	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.600%			
41) Toluene-d8	7.891	98	303706	5.129	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.600%			
43) trans-1,3-Dichloroprop...	8.174	79	40487	4.692	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.800%			
46) 2-Hexanone-d5	8.631	63	164398	42.063	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.120%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83077	4.600	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	102223	4.628	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.384	85	92484	5.238	ug/L	98
3) Chloromethane	1.515	50	107404	5.486	ug/L	98
5) Vinyl chloride	1.602	62	108074	5.323	ug/L	99
6) Bromomethane	1.853	94	51240	5.351	ug/L	97
8) Chloroethane	1.933	64	69854	5.307	ug/L	98
9) Trichlorofluoromethane	2.133	101	152964	5.229	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	94040	5.315	ug/L	100
12) 1,1-Dichloroethene	2.573	96	82337	5.180	ug/L	96
13) Acetone	2.660	43	121928	39.500	ug/L	98
14) Carbon disulfide	2.789	76	230215	5.078	ug/L	100
15) Methyl Acetate	2.956	43	34871	4.961	ug/L	99
16) Methylene chloride	3.039	84	118674	5.784	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	183506	4.573	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	79639	5.048	ug/L	95
19) 1,1-Dichloroethane	3.863	63	169538	5.114	ug/L	97
21) 2-Butanone	4.718	43	191069	43.339	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	87439	4.795	ug/L	96
23) Bromochloromethane	4.969	128	39051	4.790	ug/L	96
25) Chloroform	5.081	83	179237	5.126	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.789	62	99467	4.539	ug/L		97
29) 1,1,1-Trichloroethane	5.309	97	153146	5.022	ug/L		99
30) Cyclohexane	5.380	56	118516	5.211	ug/L		98
31) Carbon tetrachloride	5.518	117	131268	5.131	ug/L		100
33) Benzene	5.769	78	354668	5.114	ug/L		100
34) Trichloroethene	6.534	95	95918	5.190	ug/L		98
35) Methylcyclohexane	6.756	83	123009	5.095	ug/L		99
37) 1,2-Dichloropropane	6.785	63	99809	5.172	ug/L		99
38) Bromodichloromethane	7.100	83	122597	4.925	ug/L		98
39) cis-1,3-Dichloropropene	7.602	75	127863	4.846	ug/L		98
40) 4-Methyl-2-pentanone	7.785	43	432092	43.946	ug/L		99
42) Toluene	7.965	91	376094	5.036	ug/L		97
44) trans-1,3-Dichloropropene	8.206	75	109440	4.757	ug/L		98
45) 1,1,2-Trichloroethane	8.393	97	65993	4.695	ug/L		99
47) Tetrachloroethene	8.547	164	66146	5.065	ug/L		97
48) 2-Hexanone	8.679	43	322423	44.476	ug/L		99
49) Dibromochloromethane	8.804	129	74001	4.623	ug/L		97
50) 1,2-Dibromoethane	8.920	107	58588	4.644	ug/L	#	100
51) Chlorobenzene	9.441	112	228658	5.037	ug/L		99
52) Ethylbenzene	9.563	91	382646	5.134	ug/L		98
53) m,p-Xylene	9.689	106	143611	5.061	ug/L		97
54) o-Xylene	10.094	106	137325	5.090	ug/L		97
55) Styrene	10.110	104	238246	5.245	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.775	83	82001	4.715	ug/L		100
59) Bromoform	10.284	173	41979	4.419	ug/L		99
60) Isopropylbenzene	10.480	105	381034	5.122	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	52243	4.124	ug/L		97
62) 1,3,5-Trimethylbenzene	11.084	105	289580	4.974	ug/L		98
63) 1,2,4-Trimethylbenzene	11.464	105	289780	5.006	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	182195	5.096	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	176078	4.839	ug/L		98
67) 1,2-Dichlorobenzene	12.206	146	160829	4.680	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.991	75	12124	4.353	ug/L		98
69) 1,3,5-Trichlorobenzene	13.213	180	123847	4.838	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	94060	4.631	ug/L		98
71) Naphthalene	14.084	128	125415	3.950	ug/L		98
72) 1,2,3-Trichlorobenzene	14.325	180	77688	4.388	ug/L		98

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

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