Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
Data File : VU054944.D
Acq On : 29 Aug 2023 09:40
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

Quant Time: Aug 29 22:20:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 29 04:51:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	199337	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190031	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	103285	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30689	4.878	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.600%			
7) Chloroethane-d5	1.911	69	39172	4.819	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.400%			
11) 1,1-Dichloroethene-d2	2.563	65	18654	5.246	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.000%			
20) 2-Butanone-d5	4.631	46	173637	51.129	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.260%			
24) Chloroform-d	5.062	84	117018	5.014	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.200%			
26) 1,2-Dichloroethane-d4	5.701	65	60067	4.837	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.800%			
32) Benzene-d6	5.724	84	213137	4.990	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.800%			
36) 1,2-Dichloropropane-d6	6.689	67	73487	4.891	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.800%			
41) Toluene-d8	7.897	98	196384	4.800	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
43) trans-1,3-Dichloroprop...	8.180	79	24107	4.876	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.600%			
46) 2-Hexanone-d5	8.634	63	121957	51.970	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.940%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	61412	4.767	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.400%			
66) 1,2-Dichlorobenzene-d4	12.193	152	79407	4.815	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	60746	4.918	ug/L	97
3) Chloromethane	1.518	50	61916	4.804	ug/L	95
5) Vinyl chloride	1.602	62	65493	4.895	ug/L	99
6) Bromomethane	1.856	94	32020	3.836	ug/L	96
8) Chloroethane	1.930	64	42586	4.840	ug/L	99
9) Trichlorofluoromethane	2.136	101	95548	5.019	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	54719	5.291	ug/L	97
12) 1,1-Dichloroethene	2.576	96	47168	5.240	ug/L	95
13) Acetone	2.637	43	88023	47.951	ug/L	99
14) Carbon disulfide	2.792	76	121118	4.859	ug/L	99
15) Methyl Acetate	2.956	43	19637	5.226	ug/L	98
16) Methylene chloride	3.042	84	54681	3.954	ug/L	99
17) Methyl tert-butyl Ether	3.364	73	128672	4.912	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	49229	5.005	ug/L	95
19) 1,1-Dichloroethane	3.865	63	104280	5.054	ug/L	100
21) 2-Butanone	4.711	43	132999	47.282	ug/L	95
22) cis-1,2-Dichloroethene	4.666	96	59706	5.091	ug/L	97
23) Bromochloromethane	4.975	128	24739	4.875	ug/L	94
25) Chloroform	5.084	83	109810	4.852	ug/L	98

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

Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

Quant Time: Aug 29 22:20:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	66425	4.804	ug/L	98
29) 1,1,1-Trichloroethane	5.316	97	93576	4.954	ug/L	98
30) Cyclohexane	5.386	56	83807	5.005	ug/L	95
31) Carbon tetrachloride	5.525	117	79660	4.957	ug/L	100
33) Benzene	5.772	78	222644	4.967	ug/L	100
34) Trichloroethene	6.541	95	60820	4.895	ug/L	99
35) Methylcyclohexane	6.759	83	88411	4.810	ug/L	98
37) 1,2-Dichloropropane	6.788	63	60147	4.813	ug/L	99
38) Bromodichloromethane	7.103	83	75507	4.870	ug/L	99
39) cis-1,3-Dichloropropene	7.608	75	87504	4.859	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	339785	48.770	ug/L	99
42) Toluene	7.968	91	243310	4.891	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	71243	4.790	ug/L	97
45) 1,1,2-Trichloroethane	8.399	97	42387	5.025	ug/L	98
47) Tetrachloroethene	8.550	164	44308	4.963	ug/L	96
48) 2-Hexanone	8.682	43	254236	49.274	ug/L	97
49) Dibromochloromethane	8.807	129	45097	4.616	ug/L	87
50) 1,2-Dibromoethane	8.923	107	40458	4.983	ug/L	94
51) Chlorobenzene	9.444	112	157668	4.870	ug/L	98
52) Ethylbenzene	9.569	91	271613	4.841	ug/L	100
53) m,p-Xylene	9.692	106	104316	4.961	ug/L	99
54) o-Xylene	10.100	106	100957	5.009	ug/L	96
55) Styrene	10.113	104	165595	4.984	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.782	83	51196	4.907	ug/L	99
59) Bromoform	10.290	173	25587	4.987	ug/L	91
60) Isopropylbenzene	10.483	105	277865	5.011	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	38866	5.054	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	232126	4.878	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	219261	4.966	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	128072	4.964	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	126191	4.890	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	116553	4.957	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.997	75	7850	5.268	ug/L	94
69) 1,3,5-Trichlorobenzene	13.219	180	87967	5.115	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	64779	4.809	ug/L	95
71) Naphthalene	14.087	128	94318	4.654	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	56699	5.080	ug/L	97

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

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