Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112723\
Data File : VU056617.D
Acq On : 27 Nov 2023 16:21
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005178

Quant Time: Nov 27 22:33:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 27 22:31:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	263284	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	258282	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	93319	4.739	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.800%			
7) Chloroethane-d5	1.911	69	71540	4.738	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.800%			
11) 1,1-Dichloroethene-d2	2.563	65	43064	4.955	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.200%			
20) 2-Butanone-d5	4.618	46	227062	57.824	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.640%			
24) Chloroform-d	5.055	84	196797	5.167	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.400%			
26) 1,2-Dichloroethane-d4	5.695	65	93267	5.299	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.000%			
32) Benzene-d6	5.721	84	362457	4.710	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.200%			
36) 1,2-Dichloropropane-d6	6.685	67	112828	4.865	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.894	98	329704	4.852	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.000%			
43) trans-1,3-Dichloroprop...	8.174	79	44491	5.002	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.000%			
46) 2-Hexanone-d5	8.627	63	204355	58.462	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.920%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	91783	5.538	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	115521	4.698	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	87455	4.192	ug/L	98
3) Chloromethane	1.515	50	88234	4.139	ug/L	98
5) Vinyl chloride	1.602	62	92630	4.510	ug/L	96
6) Bromomethane	1.853	94	46512	4.474	ug/L	97
8) Chloroethane	1.930	64	58742	4.682	ug/L	96
9) Trichlorofluoromethane	2.136	101	146678	4.956	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	92562	5.268	ug/L	99
12) 1,1-Dichloroethene	2.576	96	81138	5.034	ug/L	96
13) Acetone	2.631	43	141003	42.160	ug/L	99
14) Carbon disulfide	2.788	76	202598	3.863	ug/L	98
15) Methyl Acetate	2.949	43	31120	5.229	ug/L	97
16) Methylene chloride	3.042	84	97729	4.582	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	210158	5.367	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	80839	4.875	ug/L	99
19) 1,1-Dichloroethane	3.862	63	172761	5.259	ug/L	96
21) 2-Butanone	4.701	43	210319	48.463	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	98874	5.258	ug/L	93
23) Bromochloromethane	4.971	128	40675	5.255	ug/L	94
25) Chloroform	5.081	83	186938	5.253	ug/L	95

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ClientSampleId :
VSTD005178

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 27 22:31:27 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	111011	5.494	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	155738	5.253	ug/L	99
30) Cyclohexane	5.380	56	121037	4.301	ug/L	98
31) Carbon tetrachloride	5.518	117	129502	5.086	ug/L	97
33) Benzene	5.769	78	369538	5.014	ug/L	100
34) Trichloroethene	6.537	95	99621	4.961	ug/L	99
35) Methylcyclohexane	6.756	83	124953	4.310	ug/L	98
37) 1,2-Dichloropropane	6.785	63	100996	5.255	ug/L	100
38) Bromodichloromethane	7.100	83	130352	5.254	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	149264	5.286	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	537355	56.404	ug/L	99
42) Toluene	7.965	91	407444	5.340	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	120926	5.371	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	74846	5.848	ug/L	96
47) Tetrachloroethene	8.547	164	68642	5.070	ug/L	98
48) 2-Hexanone	8.679	43	395389	53.274	ug/L	97
49) Dibromochloromethane	8.804	129	81063	5.569	ug/L	98
50) 1,2-Dibromoethane	8.917	107	64128	5.307	ug/L	97
51) Chlorobenzene	9.441	112	255960	5.221	ug/L	100
52) Ethylbenzene	9.566	91	443549	5.235	ug/L	99
53) m,p-Xylene	9.688	106	162864	5.229	ug/L	97
54) o-Xylene	10.097	106	158265	5.231	ug/L	99
55) Styrene	10.110	104	277015	5.504	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	91166	5.833	ug/L	97
59) Bromoform	10.286	173	46632	5.625	ug/L	98
60) Isopropylbenzene	10.479	105	440226	5.129	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	63781	5.585	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	353595	5.017	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	351796	5.057	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	199938	5.121	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	200957	5.131	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	188605	5.265	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	12058	4.943	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	154183	5.245	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	115951	4.843	ug/L	100
71) Naphthalene	14.080	128	161691	4.469	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	95918	4.863	ug/L	99

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

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