Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
Data File : VU056299.D
Acq On : 14 Nov 2023 11:44
Operator : MD/SY
Sample : 05333-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YCG73MSD

Quant Time: Nov 15 00:40:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 15 00:09:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	324707	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	307853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	156153	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99421	4.094	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.800%			
7) Chloroethane-d5	1.908	69	86053	4.621	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.400%			
11) 1,1-Dichloroethene-d2	2.564	65	46869	4.373	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.400%			
20) 2-Butanone-d5	4.618	46	214306	44.252	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.500%			
24) Chloroform-d	5.055	84	213436	4.543	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.800%			
26) 1,2-Dichloroethane-d4	5.695	65	98371	4.532	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.600%			
32) Benzene-d6	5.721	84	415049	4.525	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
36) 1,2-Dichloropropane-d6	6.686	67	123583	4.471	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.400%			
41) Toluene-d8	7.891	98	369080	4.557	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.200%			
43) trans-1,3-Dichloroprop...	8.174	79	49906	4.707	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.200%			
46) 2-Hexanone-d5	8.628	63	196620	47.192	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.380%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	93742	4.746	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.000%			
66) 1,2-Dichlorobenzene-d4	12.190	152	125587	4.354	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.384	85	139020	5.404	ug/L	99
3) Chloromethane	1.515	50	127356	4.844	ug/L	98
5) Vinyl chloride	1.602	62	130553	5.154	ug/L	100
6) Bromomethane	1.853	94	59029	4.604	ug/L	90
8) Chloroethane	1.927	64	88839	5.741	ug/L	99
9) Trichlorofluoromethane	2.136	101	204584	5.605	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	117716	5.432	ug/L	99
12) 1,1-Dichloroethene	2.576	96	108784	5.473	ug/L	90
13) Acetone	2.625	43	132159	32.041	ug/L	100
14) Carbon disulfide	2.789	76	341728	5.283	ug/L	99
15) Methyl Acetate	2.946	43	37418	5.098	ug/L	98
16) Methylene chloride	3.039	84	117378	4.462	ug/L	98
17) Methyl tert-butyl Ether	3.355	73	256877	5.319	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	111540	5.454	ug/L	98
19) 1,1-Dichloroethane	3.863	63	218585	5.396	ug/L	98
21) 2-Butanone	4.699	43	233669	43.659	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	126572	5.457	ug/L	98
23) Bromochloromethane	4.969	128	52571	5.507	ug/L	93
25) Chloroform	5.081	83	227450	5.182	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	136126	5.462	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	198291	5.611	ug/L	99
30) Cyclohexane	5.383	56	185469	5.530	ug/L	99
31) Carbon tetrachloride	5.518	117	171603	5.654	ug/L	98
33) Benzene	5.769	78	486676	5.541	ug/L	100
34) Trichloroethene	6.538	95	129668	5.418	ug/L	98
35) Methylcyclohexane	6.760	83	195156	5.648	ug/L	98
37) 1,2-Dichloropropane	6.785	63	127619	5.571	ug/L	99
38) Bromodichloromethane	7.100	83	158974	5.376	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	183726	5.458	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	610482	53.762	ug/L	98
42) Toluene	7.965	91	511890	5.629	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	149648	5.577	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	85382	5.597	ug/L	97
47) Tetrachloroethene	8.550	164	89466	5.544	ug/L	98
48) 2-Hexanone	8.679	43	449015	50.757	ug/L	99
49) Dibromochloromethane	8.804	129	94473	5.446	ug/L	98
50) 1,2-Dibromoethane	8.917	107	79060	5.489	ug/L	100
51) Chlorobenzene	9.441	112	319552	5.468	ug/L	98
52) Ethylbenzene	9.567	91	573629	5.680	ug/L	99
53) m,p-Xylene	9.689	106	215104	5.794	ug/L	98
54) o-Xylene	10.097	106	206286	5.720	ug/L	99
55) Styrene	10.110	104	356170	5.938	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	106243	5.703	ug/L	95
59) Bromoform	10.287	173	52272	5.374	ug/L	99
60) Isopropylbenzene	10.480	105	582734	5.787	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	73134	5.458	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	461248	5.578	ug/L	100
63) 1,2,4-Trimethylbenzene	11.464	105	467472	5.728	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	252628	5.515	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	245989	5.353	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	228961	5.448	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	14856	5.191	ug/L	98
69) 1,3,5-Trichlorobenzene	13.213	180	187343	5.432	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	151325	5.387	ug/L	99
71) Naphthalene	14.081	128	231015	5.443	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	125905	5.441	ug/L	99

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

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