Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
Data File : VU058616.D
Acq On : 11 Apr 2024 18:22
Operator : MD/SY
Sample : P2013-15MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MC0MS

Quant Time: Apr 12 02:29:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 12 02:25:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	78297	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	77459	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	38463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22149	4.273	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.400%			
7) Chloroethane-d5	1.904	69	21914	4.864	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.200%			
11) 1,1-Dichloroethene-d2	2.560	65	10751	4.582	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.600%			
20) 2-Butanone-d5	4.618	46	53533	49.004	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.000%			
24) Chloroform-d	5.052	84	52391	5.063	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
26) 1,2-Dichloroethane-d4	5.692	65	24271	5.026	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	5.717	84	98780	4.737	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
36) 1,2-Dichloropropane-d6	6.682	67	31204	4.771	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.400%			
41) Toluene-d8	7.891	98	88940	4.809	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.200%			
43) trans-1,3-Dichloroprop...	8.174	79	9501	4.680	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.600%			
46) 2-Hexanone-d5	8.627	63	40995	48.960	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.920%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20828	4.511	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	27746	4.283	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	26726	4.095	ug/L	100
3) Chloromethane	1.515	50	33742	4.225	ug/L	96
5) Vinyl chloride	1.599	62	53828	6.748	ug/L	100
6) Bromomethane	1.853	94	14033	3.719	ug/L	94
8) Chloroethane	1.927	64	24109	4.784	ug/L	98
9) Trichlorofluoromethane	2.132	101	48035	4.560	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	29433	4.703	ug/L	96
12) 1,1-Dichloroethene	2.573	96	25234	4.548	ug/L	98
13) Acetone	2.624	43	36941	39.620	ug/L	100
14) Carbon disulfide	2.785	76	74456	4.224	ug/L	98
15) Methyl Acetate	2.946	43	10807	4.912	ug/L	91
16) Methylene chloride	3.036	84	30046	4.080	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	59435	4.535	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	27636	4.752	ug/L	97
19) 1,1-Dichloroethane	3.856	63	61571	4.851	ug/L	98
21) 2-Butanone	4.695	43	63452	45.531	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	87552	13.406	ug/L	95
23) Bromochloromethane	4.965	128	11962	4.649	ug/L	93
25) Chloroform	5.078	83	59551	4.847	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	36157	4.833	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	47956	4.618	ug/L	98
30) Cyclohexane	5.380	56	47403	4.322	ug/L	99
31) Carbon tetrachloride	5.515	117	40515	4.607	ug/L	98
33) Benzene	5.766	78	126997	4.523	ug/L	100
34) Trichloroethene	6.534	95	30775	4.348	ug/L	96
35) Methylcyclohexane	6.756	83	44833	4.204	ug/L	97
37) 1,2-Dichloropropane	6.782	63	34983	4.735	ug/L	99
38) Bromodichloromethane	7.097	83	39682	4.706	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	42260	4.499	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	161664	46.492	ug/L	97
42) Toluene	7.962	91	132184	4.488	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	33688	4.547	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	19858	4.603	ug/L	97
47) Tetrachloroethene	8.547	164	21837	4.209	ug/L	98
48) 2-Hexanone	8.679	43	113598	46.019	ug/L	98
49) Dibromochloromethane	8.801	129	22500	4.511	ug/L	97
50) 1,2-Dibromoethane	8.917	107	17533	4.444	ug/L	96
51) Chlorobenzene	9.441	112	79012	4.434	ug/L	99
52) Ethylbenzene	9.563	91	140313	4.497	ug/L	100
53) m,p-Xylene	9.688	106	50675	4.536	ug/L	96
54) o-Xylene	10.093	106	50092	4.573	ug/L	99
55) Styrene	10.110	104	80005	4.540	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	24933	4.685	ug/L	99
59) Bromoform	10.283	173	11486	4.470	ug/L	99
60) Isopropylbenzene	10.476	105	125551	4.459	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17924	4.567	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	99610	4.338	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	103011	4.393	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	59392	4.342	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	57572	4.320	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	52645	4.231	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	3101	4.659	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	41188	4.072	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	29015	3.720	ug/L	98
71) Naphthalene	14.084	128	31956	2.990	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	23716	3.682	ug/L	100

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

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