Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056493.D
Acq On : 18 Nov 2023 20:27
Operator : MD/SY
Sample : 05436-03MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY1D1MSD

Quant Time: Nov 18 23:15:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 18 00:12:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	287687	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	279526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	140879	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	67615	3.142	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.800%			
7) Chloroethane-d5	1.907	69	62832	3.808	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.200%			
11) 1,1-Dichloroethene-d2	2.563	65	32252	3.396	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.000%			
20) 2-Butanone-d5	4.618	46	250246	58.323	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.640%			
24) Chloroform-d	5.055	84	195024	4.686	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.800%			
26) 1,2-Dichloroethane-d4	5.695	65	98125	5.102	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.000%			
32) Benzene-d6	5.721	84	346620	4.162	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.200%			
36) 1,2-Dichloropropane-d6	6.685	67	114048	4.544	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.800%			
41) Toluene-d8	7.891	98	301919	4.105	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.200%			
43) trans-1,3-Dichloroprop...	8.174	79	42422	4.407	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.200%			
46) 2-Hexanone-d5	8.627	63	222580	58.837	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.680%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	96170	5.362	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	118652	4.559	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	114850	5.039	ug/L	98
3) Chloromethane	1.515	50	114161	4.901	ug/L	99
5) Vinyl chloride	1.602	62	110671	4.931	ug/L	99
6) Bromomethane	1.853	94	55383	4.875	ug/L	100
8) Chloroethane	1.927	64	65851	4.803	ug/L	93
9) Trichlorofluoromethane	2.132	101	167563	5.181	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	102337	5.330	ug/L	99
12) 1,1-Dichloroethene	2.576	96	89552	5.085	ug/L	82
13) Acetone	2.628	43	127657	34.932	ug/L	98
14) Carbon disulfide	2.788	76	249276	4.350	ug/L	98
15) Methyl Acetate	2.946	43	33123	5.093	ug/L	97
16) Methylene chloride	3.039	84	108259	4.645	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	229064	5.354	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	92511	5.106	ug/L	93
19) 1,1-Dichloroethane	3.862	63	190732	5.314	ug/L	96
21) 2-Butanone	4.701	43	216558	45.668	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	109146	5.312	ug/L	94
23) Bromochloromethane	4.968	128	45404	5.368	ug/L	95
25) Chloroform	5.081	83	203575	5.235	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	119766	5.424	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	173560	5.409	ug/L	99
30) Cyclohexane	5.383	56	142484	4.679	ug/L	99
31) Carbon tetrachloride	5.518	117	147071	5.337	ug/L	98
33) Benzene	5.769	78	415850	5.214	ug/L	100
34) Trichloroethene	6.537	95	112680	5.185	ug/L	98
35) Methylcyclohexane	6.759	83	150698	4.803	ug/L	99
37) 1,2-Dichloropropane	6.785	63	111976	5.384	ug/L	98
38) Bromodichloromethane	7.100	83	142618	5.311	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	157788	5.163	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	557041	54.027	ug/L	99
42) Toluene	7.965	91	440100	5.330	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	130479	5.355	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	76105	5.494	ug/L	95
47) Tetrachloroethene	8.550	164	78316	5.344	ug/L	98
48) 2-Hexanone	8.679	43	409338	50.961	ug/L	98
49) Dibromochloromethane	8.804	129	87999	5.586	ug/L	97
50) 1,2-Dibromoethane	8.920	107	71040	5.432	ug/L	97
51) Chlorobenzene	9.441	112	281411	5.304	ug/L	98
52) Ethylbenzene	9.566	91	489407	5.337	ug/L	100
53) m,p-Xylene	9.692	106	183059	5.431	ug/L	99
54) o-Xylene	10.097	106	181474	5.542	ug/L	97
55) Styrene	10.110	104	307517	5.646	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	95536	5.648	ug/L	99
59) Bromoform	10.286	173	50067	5.705	ug/L	99
60) Isopropylbenzene	10.479	105	493538	5.432	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	67310	5.568	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	394633	5.290	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	398951	5.418	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	230246	5.571	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	221800	5.350	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	209380	5.522	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	13246	5.130	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	164864	5.298	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	138906	5.481	ug/L	97
71) Naphthalene	14.084	128	214242	5.595	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	120197	5.757	ug/L	99

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

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