Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
Data File : VU056528.D
Acq On : 20 Nov 2023 15:38
Operator : MD/SY
Sample : 05455-09MS
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E05N3MS

Quant Time: Nov 21 00:41:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 21 00:36:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	256001	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	248865	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	135986	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	120297	6.282	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 125.600%			
7) Chloroethane-d5	1.908	69	82785	5.639	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.800%			
11) 1,1-Dichloroethene-d2	2.564	65	51351	6.077	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 121.600%			
20) 2-Butanone-d5	4.618	46	224904	58.904	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.800%			
24) Chloroform-d	5.056	84	223217	6.027	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 120.600%			
26) 1,2-Dichloroethane-d4	5.695	65	104341	6.097	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 122.000%			
32) Benzene-d6	5.721	84	435874	5.879	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.600%			
36) 1,2-Dichloropropane-d6	6.686	67	134928	6.038	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 120.800%			
41) Toluene-d8	7.891	98	407929	6.230	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 124.600%			
43) trans-1,3-Dichloroprop...	8.174	79	52161	6.086	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 121.800%			
46) 2-Hexanone-d5	8.628	63	206509	61.314	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 122.620%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	94211	5.900	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 118.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	138615	5.518	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	91941	4.533	ug/L	96
3) Chloromethane	1.516	50	94100	4.540	ug/L	99
5) Vinyl chloride	1.602	62	94223	4.718	ug/L	97
6) Bromomethane	1.853	94	39855	3.943	ug/L	99
8) Chloroethane	1.930	64	54761	4.489	ug/L	93
9) Trichlorofluoromethane	2.136	101	147804	5.136	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	88929	5.205	ug/L	99
12) 1,1-Dichloroethene	2.577	96	78340	4.999	ug/L	94
13) Acetone	2.628	43	104067	32.002	ug/L	98
14) Carbon disulfide	2.789	76	216972	4.255	ug/L	99
15) Methyl Acetate	2.946	43	26967	4.660	ug/L	99
16) Methylene chloride	3.040	84	90460	4.362	ug/L	99
17) Methyl tert-butyl Ether	3.355	73	188677	4.955	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	79564	4.935	ug/L	94
19) 1,1-Dichloroethane	3.863	63	165069	5.168	ug/L	97
21) 2-Butanone	4.699	43	176637	41.860	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	93107	5.092	ug/L	96
23) Bromochloromethane	4.969	128	38353	5.096	ug/L	95
25) Chloroform	5.078	83	276177	7.981	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	105673	5.378	ug/L	99
29) 1,1,1-Trichloroethane	5.310	97	152529	5.339	ug/L	99
30) Cyclohexane	5.384	56	121386	4.477	ug/L	99
31) Carbon tetrachloride	5.519	117	128473	5.236	ug/L	98
33) Benzene	5.769	78	354116	4.987	ug/L	100
34) Trichloroethene	6.538	95	97643	5.047	ug/L	97
35) Methylcyclohexane	6.756	83	132185	4.732	ug/L	98
37) 1,2-Dichloropropane	6.785	63	99011	5.347	ug/L	100
38) Bromodichloromethane	7.097	83	195869	8.193	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	140494	5.163	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	475784	51.831	ug/L	99
42) Toluene	7.962	91	394661	5.368	ug/L	99
44) trans-1,3-Dichloropropene	8.207	75	111605	5.145	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	66404	5.384	ug/L	97
47) Tetrachloroethene	8.547	164	67503	5.174	ug/L	97
48) 2-Hexanone	8.679	43	330103	46.160	ug/L	99
49) Dibromochloromethane	8.801	129	140209	9.997	ug/L	93
50) 1,2-Dibromoethane	8.917	107	59200	5.085	ug/L	93
51) Chlorobenzene	9.441	112	243149	5.147	ug/L	95
52) Ethylbenzene	9.567	91	418832	5.130	ug/L	99
53) m,p-Xylene	9.689	106	152647	5.086	ug/L	97
54) o-Xylene	10.097	106	149397	5.125	ug/L	99
55) Styrene	10.110	104	234916	4.844	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.776	83	81152	5.389	ug/L	98
59) Bromoform	10.284	173	88468	10.444	ug/L	98
60) Isopropylbenzene	10.480	105	418876	4.776	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	53962	4.625	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	328753	4.566	ug/L	100
63) 1,2,4-Trimethylbenzene	11.464	105	334370	4.704	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	202312	5.071	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	198859	4.970	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	183929	5.026	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.988	75	11369	4.562	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	142320	4.738	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	111123	4.542	ug/L	99
71) Naphthalene	14.081	128	161498	4.369	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	96083	4.768	ug/L	99

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

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