Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
Data File : VU057232.D
Acq On : 23 Dec 2023 09:31
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005107

Quant Time: Dec 25 00:17:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 23 00:27:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	193091	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	190564	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	91254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	82769	4.485	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.600%			
7) Chloroethane-d5	1.911	69	72402	4.766	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.400%			
11) 1,1-Dichloroethene-d2	2.560	65	34995	4.376	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.600%			
20) 2-Butanone-d5	4.625	46	161710	55.807	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.620%			
24) Chloroform-d	5.055	84	167911	4.711	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.200%			
26) 1,2-Dichloroethane-d4	5.695	65	79853	4.701	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.000%			
32) Benzene-d6	5.721	84	307237	4.701	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.000%			
36) 1,2-Dichloropropane-d6	6.686	67	92353	4.965	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.400%			
41) Toluene-d8	7.895	98	274807	4.605	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.200%			
43) trans-1,3-Dichloroprop...	8.174	79	34040	4.396	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.000%			
46) 2-Hexanone-d5	8.628	63	125007	47.420	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.840%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	68949	5.209	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	86045	4.382	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	90498	5.012	ug/L	99
3) Chloromethane	1.515	50	96523	6.100	ug/L	98
5) Vinyl chloride	1.599	62	101857	6.034	ug/L	100
6) Bromomethane	1.853	94	45397	6.150	ug/L	97
8) Chloroethane	1.930	64	62467	5.829	ug/L	100
9) Trichlorofluoromethane	2.133	101	157625	5.082	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	84226	5.245	ug/L	99
12) 1,1-Dichloroethene	2.573	96	75356	5.220	ug/L	94
13) Acetone	2.638	43	95085	54.577	ug/L	99
14) Carbon disulfide	2.789	76	223353	4.917	ug/L	99
15) Methyl Acetate	2.946	43	25423	6.188	ug/L	97
16) Methylene chloride	3.039	84	89465	5.331	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	164354	5.361	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	77140	5.480	ug/L	97
19) 1,1-Dichloroethane	3.863	63	156113	5.588	ug/L	100
21) 2-Butanone	4.702	43	153845	57.942	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	84453	5.448	ug/L	98
23) Bromochloromethane	4.965	128	36503	5.434	ug/L	95
25) Chloroform	5.078	83	169698	5.385	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	97207	5.228	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	151259	4.995	ug/L	98
30) Cyclohexane	5.383	56	109773	5.361	ug/L	95
31) Carbon tetrachloride	5.518	117	131321	4.929	ug/L	100
33) Benzene	5.766	78	340107	5.630	ug/L	100
34) Trichloroethene	6.538	95	89710	5.078	ug/L	97
35) Methylcyclohexane	6.760	83	112030	4.817	ug/L	97
37) 1,2-Dichloropropane	6.782	63	87924	5.851	ug/L	100
38) Bromodichloromethane	7.100	83	115303	5.303	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	118598	5.247	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	380214	58.203	ug/L	99
42) Toluene	7.965	91	354874	5.543	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	98790	5.121	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	61554	5.937	ug/L	95
47) Tetrachloroethene	8.547	164	151346	11.955	ug/L	98
48) 2-Hexanone	8.679	43	277118	57.657	ug/L	98
49) Dibromochloromethane	8.804	129	69926	5.203	ug/L	97
50) 1,2-Dibromoethane	8.917	107	54728	5.623	ug/L	97
51) Chlorobenzene	9.441	112	217901	5.229	ug/L	97
52) Ethylbenzene	9.567	91	373453	5.177	ug/L	99
53) m,p-Xylene	9.689	106	138840	5.261	ug/L	98
54) o-Xylene	10.097	106	132002	5.184	ug/L	97
55) Styrene	10.110	104	228807	5.448	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	70035	5.602	ug/L	99
59) Bromoform	10.287	173	40156	5.734	ug/L	95
60) Isopropylbenzene	10.480	105	357170	5.309	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	49557	5.828	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	261414	4.742	ug/L	99
63) 1,2,4-Trimethylbenzene	11.464	105	249316	4.583	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	161845	5.090	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	152808	4.773	ug/L	94
67) 1,2-Dichlorobenzene	12.206	146	144148	5.068	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	9670	5.014	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	83069	3.511	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	57082	3.081	ug/L	98
71) Naphthalene	14.084	128	73754	3.147	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	45970	3.181	ug/L	99

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

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