Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
Data File : VU054580.D
Acq On : 16 Jun 2023 18:11
Operator : MD/SY
Sample : 03284-10MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCGZ6MS

Quant Time: Jun 17 06:16:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 17 06:10:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	262191	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	256217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	143026	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	58834	3.526	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.600%			
7) Chloroethane-d5	1.911	69	76427	4.892	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.800%			
11) 1,1-Dichloroethene-d2	2.563	65	27605	3.704	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.000%			
20) 2-Butanone-d5	4.628	46	254571	54.263	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.520%			
24) Chloroform-d	5.062	84	182258	5.226	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.600%			
26) 1,2-Dichloroethane-d4	5.698	65	87419	5.142	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.800%			
32) Benzene-d6	5.724	84	329278	4.623	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.400%			
36) 1,2-Dichloropropane-d6	6.689	67	117316	4.932	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.600%			
41) Toluene-d8	7.894	98	286236	4.528	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.600%			
43) trans-1,3-Dichloroprop...	8.177	79	35803	4.329	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.600%			
46) 2-Hexanone-d5	8.627	63	180913	52.134	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.260%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	92594	5.220	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	114072	4.728	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	113751	4.643	ug/L	99
3) Chloromethane	1.518	50	130083	4.622	ug/L	99
5) Vinyl chloride	1.602	62	140254	4.855	ug/L	99
6) Bromomethane	1.856	94	77368	4.872	ug/L	98
8) Chloroethane	1.933	64	87038	5.027	ug/L	100
9) Trichlorofluoromethane	2.139	101	183934	5.179	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	105764	5.091	ug/L	99
12) 1,1-Dichloroethene	2.579	96	94789	4.984	ug/L	98
13) Acetone	2.637	43	164056	37.088	ug/L	97
14) Carbon disulfide	2.792	76	265311	4.705	ug/L	100
15) Methyl Acetate	2.952	43	39770	4.852	ug/L	98
16) Methylene chloride	3.042	84	110042	4.115	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	245058	5.221	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	103842	5.289	ug/L	94
19) 1,1-Dichloroethane	3.866	63	298931	7.357	ug/L	98
21) 2-Butanone	4.705	43	266370	46.400	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	138610	6.199	ug/L	99
23) Bromochloromethane	4.972	128	49199	5.288	ug/L	91
25) Chloroform	5.084	83	213316	5.325	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	125994	5.366	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	204577	5.888	ug/L	99
30) Cyclohexane	5.386	56	165875	4.383	ug/L	98
31) Carbon tetrachloride	5.521	117	150726	5.035	ug/L	98
33) Benzene	5.769	78	458855	4.983	ug/L	100
34) Trichloroethene	6.537	95	156022	6.408	ug/L	97
35) Methylcyclohexane	6.759	83	157894	4.290	ug/L	98
37) 1,2-Dichloropropane	6.785	63	123355	4.954	ug/L	100
38) Bromodichloromethane	7.100	83	146662	5.204	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	168478	4.956	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	641097	48.251	ug/L	99
42) Toluene	7.965	91	481065	5.073	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	137634	4.989	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	83702	5.285	ug/L	97
47) Tetrachloroethene	8.550	164	90465	4.854	ug/L	98
48) 2-Hexanone	8.679	43	464593	46.928	ug/L	98
49) Dibromochloromethane	8.807	129	91734	5.516	ug/L	99
50) 1,2-Dibromoethane	8.920	107	76638	5.270	ug/L	98
51) Chlorobenzene	9.444	112	301617	5.102	ug/L	97
52) Ethylbenzene	9.566	91	517996	5.002	ug/L	99
53) m,p-Xylene	9.692	106	196870	5.175	ug/L	96
54) o-Xylene	10.097	106	190750	5.185	ug/L	100
55) Styrene	10.110	104	323467	5.238	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	103192	5.129	ug/L	100
59) Bromoform	10.286	173	54848	5.342	ug/L	98
60) Isopropylbenzene	10.479	105	522079	4.990	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	70379	4.869	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	404709	4.741	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	418044	4.822	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	246691	5.044	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	248926	5.071	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	230632	5.127	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	15579	4.905	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	183688	4.978	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	148889	4.879	ug/L	99
71) Naphthalene	14.084	128	226186	4.559	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	130941	4.995	ug/L	98

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

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