Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062023\
Data File : VU054627.D
Acq On : 20 Jun 2023 22:01
Operator : MD/SY
Sample : 03326-09MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCA37MSD

Quant Time: Jun 21 04:06:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 21 04:02:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	327115	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	309808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	158221	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	122985	5.908	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 118.200%			
7) Chloroethane-d5	1.914	69	96550	4.953	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.000%			
11) 1,1-Dichloroethene-d2	2.566	65	47407	5.099	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.000%			
20) 2-Butanone-d5	4.627	46	278240	47.537	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.080%			
24) Chloroform-d	5.058	84	192430	4.422	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
26) 1,2-Dichloroethane-d4	5.698	65	92750	4.372	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.400%			
32) Benzene-d6	5.724	84	373983	4.343	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.800%			
36) 1,2-Dichloropropane-d6	6.685	67	124804	4.339	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.800%			
41) Toluene-d8	7.894	98	342293	4.478	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.600%			
43) trans-1,3-Dichloroprop...	8.174	79	46750	4.674	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.400%			
46) 2-Hexanone-d5	8.627	63	187347	44.649	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.300%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	92364	4.307	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	115191	4.316	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	122767	4.017	ug/L	100
3) Chloromethane	1.521	50	147305	4.195	ug/L	97
5) Vinyl chloride	1.605	62	157502	4.370	ug/L	99
6) Bromomethane	1.859	94	80324	4.054	ug/L	97
8) Chloroethane	1.933	64	97857	4.530	ug/L	98
9) Trichlorofluoromethane	2.139	101	192562	4.346	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	117597	4.537	ug/L	97
12) 1,1-Dichloroethene	2.579	96	104208	4.392	ug/L #	82
13) Acetone	2.644	43	229078	41.509	ug/L	98
14) Carbon disulfide	2.792	76	288701	4.103	ug/L	100
15) Methyl Acetate	2.952	43	51827	5.068	ug/L	96
16) Methylene chloride	3.042	84	122551	3.673	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	271928	4.643	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	107308	4.381	ug/L	94
19) 1,1-Dichloroethane	3.865	63	251357	4.958	ug/L	99
21) 2-Butanone	4.708	43	358325	50.029	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	230008	8.245	ug/L	97
23) Bromochloromethane	4.968	128	53993	4.651	ug/L	94
25) Chloroform	5.084	83	250406	5.010	ug/L	100

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	145944	4.982	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	198188	4.718	ug/L	98
30) Cyclohexane	5.383	56	199183	4.353	ug/L	98
31) Carbon tetrachloride	5.521	117	164810	4.553	ug/L	99
33) Benzene	5.769	78	537299	4.826	ug/L	100
34) Trichloroethene	6.537	95	181487	6.164	ug/L	96
35) Methylcyclohexane	6.759	83	182649	4.104	ug/L	96
37) 1,2-Dichloropropane	6.785	63	148169	4.922	ug/L	99
38) Bromodichloromethane	7.100	83	167135	4.905	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	192635	4.687	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	872919	54.334	ug/L	97
42) Toluene	7.965	91	559482	4.879	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	159634	4.786	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	96222	5.024	ug/L	99
47) Tetrachloroethene	8.550	164	91955	4.080	ug/L	97
48) 2-Hexanone	8.679	43	627254	52.399	ug/L	98
49) Dibromochloromethane	8.804	129	100198	4.983	ug/L	94
50) 1,2-Dibromoethane	8.920	107	83730	4.762	ug/L	96
51) Chlorobenzene	9.441	112	323501	4.526	ug/L	98
52) Ethylbenzene	9.566	91	577329	4.610	ug/L	99
53) m,p-Xylene	9.692	106	215167	4.677	ug/L	99
54) o-Xylene	10.097	106	207008	4.653	ug/L	99
55) Styrene	10.110	104	350120	4.689	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	123447	5.075	ug/L	98
59) Bromoform	10.286	173	60871	5.359	ug/L	99
60) Isopropylbenzene	10.479	105	562167	4.857	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	85172	5.327	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	440134	4.661	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	448486	4.676	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	266078	4.918	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	260177	4.792	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	241088	4.845	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	20207	5.751	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	193370	4.737	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	163682	4.849	ug/L	99
71) Naphthalene	14.080	128	273571	4.984	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	146190	5.041	ug/L	99

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

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