Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062023\
Data File : VU054626.D
Acq On : 20 Jun 2023 21:37
Operator : MD/SY
Sample : 03326-08MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCA37MS

Quant Time: Jun 21 04:06:14 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	336625	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	317205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	164054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	121317	5.663	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 113.200%			
7) Chloroethane-d5	1.914	69	94582	4.715	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.400%			
11) 1,1-Dichloroethene-d2	2.563	65	45289	4.733	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.600%			
20) 2-Butanone-d5	4.628	46	266161	44.189	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.380%			
24) Chloroform-d	5.059	84	186001	4.154	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.000%			
26) 1,2-Dichloroethane-d4	5.698	65	92479	4.236	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.800%			
32) Benzene-d6	5.724	84	369741	4.193	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.800%			
36) 1,2-Dichloropropane-d6	6.685	67	124106	4.215	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.200%			
41) Toluene-d8	7.894	98	334911	4.280	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.600%			
43) trans-1,3-Dichloroprop...	8.174	79	43659	4.263	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.200%			
46) 2-Hexanone-d5	8.628	63	177117	41.227	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.460%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	91030	4.145	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	112748	4.075	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	122584	3.897	ug/L	99
3) Chloromethane	1.522	50	148704	4.115	ug/L	99
5) Vinyl chloride	1.605	62	155367	4.189	ug/L	99
6) Bromomethane	1.859	94	78303	3.840	ug/L	95
8) Chloroethane	1.933	64	99544	4.478	ug/L	95
9) Trichlorofluoromethane	2.139	101	193657	4.247	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	118334	4.436	ug/L	97
12) 1,1-Dichloroethene	2.580	96	106208	4.350	ug/L	87
13) Acetone	2.641	43	224077	39.456	ug/L	100
14) Carbon disulfide	2.792	76	287405	3.970	ug/L	99
15) Methyl Acetate	2.953	43	49222	4.677	ug/L	95
16) Methylene chloride	3.043	84	123889	3.608	ug/L	92
17) Methyl tert-butyl Ether	3.358	73	264354	4.387	ug/L	94
18) trans-1,2-Dichloroethene	3.351	96	109131	4.329	ug/L	96
19) 1,1-Dichloroethane	3.866	63	250539	4.802	ug/L	100
21) 2-Butanone	4.708	43	344504	46.741	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	230304	8.023	ug/L	96
23) Bromochloromethane	4.972	128	53915	4.513	ug/L	96
25) Chloroform	5.084	83	248684	4.835	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	145328	4.821	ug/L	96
29) 1,1,1-Trichloroethane	5.313	97	197135	4.583	ug/L	98
30) Cyclohexane	5.383	56	200468	4.279	ug/L	97
31) Carbon tetrachloride	5.522	117	163200	4.403	ug/L	99
33) Benzene	5.769	78	542944	4.763	ug/L	100
34) Trichloroethene	6.538	95	191217	6.343	ug/L	91
35) Methylcyclohexane	6.759	83	183511	4.027	ug/L	97
37) 1,2-Dichloropropane	6.785	63	144846	4.699	ug/L	99
38) Bromodichloromethane	7.100	83	169586	4.860	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	193678	4.602	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	847484	51.521	ug/L	96
42) Toluene	7.965	91	562254	4.789	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	155974	4.567	ug/L	95
45) 1,1,2-Trichloroethane	8.396	97	93715	4.779	ug/L	98
47) Tetrachloroethene	8.550	164	91268	3.955	ug/L	97
48) 2-Hexanone	8.679	43	598939	48.867	ug/L	97
49) Dibromochloromethane	8.804	129	99862	4.850	ug/L	96
50) 1,2-Dibromoethane	8.920	107	82673	4.592	ug/L	98
51) Chlorobenzene	9.441	112	330621	4.518	ug/L	98
52) Ethylbenzene	9.566	91	571564	4.458	ug/L	99
53) m,p-Xylene	9.689	106	212274	4.507	ug/L	97
54) o-Xylene	10.097	106	204020	4.479	ug/L	99
55) Styrene	10.110	104	342187	4.476	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	119783	4.809	ug/L	100
59) Bromoform	10.287	173	60875	5.169	ug/L	99
60) Isopropylbenzene	10.480	105	553888	4.615	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	80363	4.847	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	426142	4.352	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	439728	4.422	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	260727	4.648	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	255300	4.535	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	237880	4.611	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	19142	5.254	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	185217	4.376	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	151865	4.339	ug/L	100
71) Naphthalene	14.081	128	236735	4.160	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	133124	4.427	ug/L	99

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

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