Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
Data File : VU056223.D
Acq On : 11 Nov 2023 17:41
Operator : MD/SY
Sample : 05339-21MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDK5MS

Quant Time: Nov 11 20:23:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 11 20:19:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	370658	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	369577	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	192885	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	93111	4.047	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.000%			
7) Chloroethane-d5	1.911	69	80681	5.168	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.400%			
11) 1,1-Dichloroethene-d2	2.563	65	43438	4.285	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.800%			
20) 2-Butanone-d5	4.624	46	283944	75.229	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 150.460%#			
24) Chloroform-d	5.055	84	240562	5.493	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.800%			
26) 1,2-Dichloroethane-d4	5.695	65	110632	5.737	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.800%			
32) Benzene-d6	5.721	84	453189	5.106	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.200%			
36) 1,2-Dichloropropane-d6	6.685	67	141590	5.419	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.400%			
41) Toluene-d8	7.894	98	404823	4.977	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.600%			
43) trans-1,3-Dichloroprop...	8.174	79	54254	5.432	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.600%			
46) 2-Hexanone-d5	8.627	63	265035	80.962	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 161.920%#			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	116620	6.253	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 125.000%#			
66) 1,2-Dichlorobenzene-d4	12.187	152	154602	5.198	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	153716	4.890	ug/L	98
3) Chloromethane	1.515	50	151734	5.153	ug/L	95
5) Vinyl chloride	1.602	62	150025	4.925	ug/L	98
6) Bromomethane	1.856	94	81602	4.664	ug/L	100
8) Chloroethane	1.930	64	84761	5.132	ug/L	99
9) Trichlorofluoromethane	2.136	101	204225	5.069	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	132806	5.174	ug/L	99
12) 1,1-Dichloroethene	2.576	96	123445	5.182	ug/L	95
13) Acetone	2.637	43	223577	80.320	ug/L	99
14) Carbon disulfide	2.788	76	391488	4.822	ug/L	99
15) Methyl Acetate	2.952	43	35493	4.519	ug/L	98
16) Methylene chloride	3.039	84	133871	4.901	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	280387	5.224	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	128036	5.072	ug/L	98
19) 1,1-Dichloroethane	3.862	63	241357	5.241	ug/L	96
21) 2-Butanone	4.705	43	265698	57.879	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	144973	5.320	ug/L	98
23) Bromochloromethane	4.968	128	61570	5.092	ug/L	98
25) Chloroform	5.081	83	266798	5.437	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	143464	5.166	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	217055	5.127	ug/L	100
30) Cyclohexane	5.383	56	192594	4.869	ug/L	98
31) Carbon tetrachloride	5.518	117	190610	5.070	ug/L	99
33) Benzene	5.769	78	545612	5.156	ug/L	100
34) Trichloroethene	6.537	95	171830	5.945	ug/L	97
35) Methylcyclohexane	6.759	83	206786	4.813	ug/L	99
37) 1,2-Dichloropropane	6.785	63	137734	5.005	ug/L	99
38) Bromodichloromethane	7.100	83	173162	5.039	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	197653	5.089	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	657166	54.595	ug/L	99
42) Toluene	7.965	91	588134	5.272	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	157820	5.019	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	100619	5.348	ug/L	98
47) Tetrachloroethene	8.550	164	132423	6.104	ug/L	97
48) 2-Hexanone	8.679	43	480740	54.854	ug/L	98
49) Dibromochloromethane	8.804	129	110461	5.117	ug/L	95
50) 1,2-Dibromoethane	8.920	107	93261	5.305	ug/L	96
51) Chlorobenzene	9.441	112	372783	5.179	ug/L	99
52) Ethylbenzene	9.566	91	635709	5.229	ug/L	100
53) m,p-Xylene	9.692	106	245540	5.311	ug/L	99
54) o-Xylene	10.097	106	233933	5.278	ug/L	96
55) Styrene	10.110	104	392774	5.417	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	117258	5.304	ug/L	98
59) Bromoform	10.287	173	66301	4.949	ug/L	99
60) Isopropylbenzene	10.479	105	632700	5.059	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	81340	4.885	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	505660	4.986	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	503662	5.063	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	299198	5.051	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	297108	5.073	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	277856	5.091	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	17247	4.911	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	222320	5.012	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	179136	5.090	ug/L	98
71) Naphthalene	14.084	128	262392	5.027	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	154782	5.016	ug/L	99

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

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