Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
Data File : VU055933.D
Acq On : 27 Oct 2023 19:08
Operator : MD/SY
Sample : 05009-08MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A49A1MS

Quant Time: Oct 27 23:57:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 05:19:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	425747	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	410956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	208714	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	99030	2.940	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 58.800%			
7) Chloroethane-d5	1.914	69	89051	3.392	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.800%			
11) 1,1-Dichloroethene-d2	2.567	65	45471	3.180	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.600%			
20) 2-Butanone-d5	4.624	46	268878	44.752	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.500%			
24) Chloroform-d	5.058	84	248096	3.975	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.600%			
26) 1,2-Dichloroethane-d4	5.698	65	114922	3.780	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.600%			
32) Benzene-d6	5.724	84	475583	3.885	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.800%			
36) 1,2-Dichloropropane-d6	6.689	67	149966	4.133	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.600%			
41) Toluene-d8	7.894	98	428669	3.860	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.200%			
43) trans-1,3-Dichloroprop...	8.177	79	50704	3.572	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.400%			
46) 2-Hexanone-d5	8.631	63	224958	62.438	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 124.880%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	116317	4.401	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.000%			
66) 1,2-Dichlorobenzene-d4	12.190	152	160973	4.134	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	184556	7.606	ug/L	99
3) Chloromethane	1.518	50	185329	7.999	ug/L	97
5) Vinyl chloride	1.605	62	171717	6.729	ug/L	98
6) Bromomethane	1.856	94	96770	6.122	ug/L	98
8) Chloroethane	1.933	64	99617	6.662	ug/L	99
9) Trichlorofluoromethane	2.139	101	230485	6.548	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	140280	6.067	ug/L	98
12) 1,1-Dichloroethene	2.579	96	134317	6.509	ug/L #	74
13) Acetone	2.631	43	166243	48.555	ug/L	99
14) Carbon disulfide	2.792	76	432015	8.177	ug/L	99
15) Methyl Acetate	2.952	43	28695	4.114	ug/L	97
16) Methylene chloride	3.046	84	147224	6.297	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	312443	6.239	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	141600	6.921	ug/L	98
19) 1,1-Dichloroethane	3.866	63	265301	6.386	ug/L	97
21) 2-Butanone	4.705	43	267520	53.153	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	158833	6.412	ug/L	94
23) Bromochloromethane	4.972	128	66551	6.594	ug/L	97
25) Chloroform	5.084	83	278283	6.248	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.792	62	157909	6.034	ug/L		98
29) 1,1,1-Trichloroethane	5.312	97	240834	6.430	ug/L		99
30) Cyclohexane	5.386	56	227327	7.193	ug/L		100
31) Carbon tetrachloride	5.521	117	208868	6.537	ug/L		97
33) Benzene	5.772	78	610581	6.733	ug/L		100
34) Trichloroethene	6.541	95	161752	6.376	ug/L		98
35) Methylcyclohexane	6.759	83	235936	6.891	ug/L		98
37) 1,2-Dichloropropane	6.788	63	153524	6.376	ug/L		100
38) Bromodichloromethane	7.100	83	189684	6.275	ug/L		99
39) cis-1,3-Dichloropropene	7.605	75	204036	5.948	ug/L		98
40) 4-Methyl-2-pentanone	7.785	43	691174	59.543	ug/L		97
42) Toluene	7.965	91	650599	6.864	ug/L		99
44) trans-1,3-Dichloropropene	8.206	75	164422	5.937	ug/L		97
45) 1,1,2-Trichloroethane	8.396	97	105124	6.209	ug/L		98
47) Tetrachloroethene	8.550	164	120635	6.790	ug/L		96
48) 2-Hexanone	8.679	43	493597	54.081	ug/L		99
49) Dibromochloromethane	8.804	129	120860	6.503	ug/L		99
50) 1,2-Dibromoethane	8.920	107	95634	6.225	ug/L	#	97
51) Chlorobenzene	9.444	112	403683	6.499	ug/L		98
52) Ethylbenzene	9.566	91	703565	6.548	ug/L		100
53) m,p-Xylene	9.692	106	272272	6.781	ug/L		96
54) o-Xylene	10.097	106	259760	6.611	ug/L		100
55) Styrene	10.110	104	413459	6.565	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.775	83	122240	6.237	ug/L		98
59) Bromoform	10.286	173	66656	6.278	ug/L		96
60) Isopropylbenzene	10.479	105	700852	6.739	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	85693	5.980	ug/L		97
62) 1,3,5-Trimethylbenzene	11.084	105	570448	6.712	ug/L		99
63) 1,2,4-Trimethylbenzene	11.463	105	571039	7.232	ug/L		100
64) 1,3-Dichlorobenzene	11.743	146	316141	6.412	ug/L		98
65) 1,4-Dichlorobenzene	11.833	146	310922	6.319	ug/L		99
67) 1,2-Dichlorobenzene	12.209	146	291257	6.434	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.994	75	18800	7.353	ug/L		97
69) 1,3,5-Trichlorobenzene	13.216	180	227837	6.763	ug/L		99
70) 1,2,4-trichlorobenzene	13.836	180	183370	7.364	ug/L		100
71) Naphthalene	14.084	128	281941	7.819	ug/L		99
72) 1,2,3-Trichlorobenzene	14.325	180	160897	7.494	ug/L		99

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

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