Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
Data File : VU055595.D
Acq On : 02 Oct 2023 10:04
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

Quant Time: Oct 02 13:30:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 27 23:33:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	210940	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	216693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	125133	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	81278	3.812	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.200%			
7) Chloroethane-d5	1.914	69	74938	3.989	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.800%			
11) 1,1-Dichloroethene-d2	2.567	65	33582	3.827	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.600%			
20) 2-Butanone-d5	4.634	46	170521	44.282	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.560%			
24) Chloroform-d	5.062	84	170166	4.413	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
26) 1,2-Dichloroethane-d4	5.701	65	79324	4.276	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.600%			
32) Benzene-d6	5.727	84	316335	4.174	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.400%			
36) 1,2-Dichloropropane-d6	6.689	67	100015	4.416	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.400%			
41) Toluene-d8	7.897	98	285226	4.129	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.600%			
43) trans-1,3-Dichloroprop...	8.180	79	34861	4.386	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.800%			
46) 2-Hexanone-d5	8.634	63	107907	44.639	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.280%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	75260	4.434	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.600%			
66) 1,2-Dichlorobenzene-d4	12.190	152	103235	4.088	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.386	85	71102	3.462	ug/L	96
3) Chloromethane	1.518	50	86740	4.801	ug/L	98
5) Vinyl chloride	1.605	62	97122	4.983	ug/L	100
6) Bromomethane	1.859	94	59395	4.798	ug/L	98
8) Chloroethane	1.933	64	62385	4.905	ug/L	94
9) Trichlorofluoromethane	2.139	101	139335	5.155	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	79628	4.842	ug/L	98
12) 1,1-Dichloroethene	2.579	96	67902	4.604	ug/L	93
13) Acetone	2.647	43	99641	45.393	ug/L	99
14) Carbon disulfide	2.795	76	212485	4.793	ug/L	99
15) Methyl Acetate	2.962	43	23267	4.649	ug/L	98
16) Methylene chloride	3.046	84	79968	4.526	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	148905	4.654	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	70951	4.773	ug/L	99
19) 1,1-Dichloroethane	3.869	63	137496	5.002	ug/L	99
21) 2-Butanone	4.714	43	149131	46.322	ug/L	100
22) cis-1,2-Dichloroethene	4.666	96	79244	4.598	ug/L	99
23) Bromochloromethane	4.972	128	34058	4.675	ug/L	96
25) Chloroform	5.084	83	144714	4.971	ug/L	97

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

Quant Time: Oct 02 13:30:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 27 23:33:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.791	62	84442	4.730	ug/L		98
29) 1,1,1-Trichloroethane	5.316	97	123949	5.017	ug/L		98
30) Cyclohexane	5.386	56	107034	4.733	ug/L		98
31) Carbon tetrachloride	5.525	117	112114	5.295	ug/L		99
33) Benzene	5.772	78	310695	4.982	ug/L		100
34) Trichloroethene	6.541	95	85894	4.869	ug/L		97
35) Methylcyclohexane	6.762	83	122906	4.836	ug/L		99
37) 1,2-Dichloropropane	6.788	63	78996	4.843	ug/L		100
38) Bromodichloromethane	7.103	83	101174	5.293	ug/L		94
39) cis-1,3-Dichloropropene	7.605	75	112961	5.189	ug/L		98
40) 4-Methyl-2-pentanone	7.791	43	352789	47.681	ug/L		100
42) Toluene	7.968	91	329224	4.949	ug/L		98
44) trans-1,3-Dichloropropene	8.209	75	93637	5.376	ug/L		98
45) 1,1,2-Trichloroethane	8.399	97	55897	4.888	ug/L		97
47) Tetrachloroethene	8.553	164	63129	4.988	ug/L		99
48) 2-Hexanone	8.682	43	285296	49.752	ug/L		99
49) Dibromochloromethane	8.807	129	62120	5.182	ug/L		98
50) 1,2-Dibromoethane	8.923	107	52306	4.928	ug/L	#	99
51) Chlorobenzene	9.444	112	205402	4.821	ug/L		98
52) Ethylbenzene	9.569	91	345461	4.844	ug/L		100
53) m,p-Xylene	9.692	106	133931	5.011	ug/L		96
54) o-Xylene	10.100	106	129775	4.994	ug/L		92
55) Styrene	10.113	104	212400	5.055	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.778	83	64063	4.962	ug/L		98
59) Bromoform	10.290	173	34555	5.152	ug/L		99
60) Isopropylbenzene	10.483	105	346568	4.806	ug/L		99
61) 1,2,3-Trichloropropane	10.820	75	44477	4.553	ug/L		99
62) 1,3,5-Trimethylbenzene	11.087	105	267248	4.634	ug/L		99
63) 1,2,4-Trimethylbenzene	11.466	105	262602	4.652	ug/L		98
64) 1,3-Dichlorobenzene	11.743	146	164330	4.759	ug/L		99
65) 1,4-Dichlorobenzene	11.833	146	164650	4.771	ug/L		99
67) 1,2-Dichlorobenzene	12.209	146	152810	4.827	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.991	75	9095	5.372	ug/L	#	79
69) 1,3,5-Trichlorobenzene	13.216	180	113912	4.791	ug/L		98
70) 1,2,4-trichlorobenzene	13.836	180	88600	4.888	ug/L		98
71) Naphthalene	14.087	128	122580	4.671	ug/L		99
72) 1,2,3-Trichlorobenzene	14.328	180	73846	4.681	ug/L		98

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

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