Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
Data File : VU055935.D
Acq On : 27 Oct 2023 20:24
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005163

Quant Time: Oct 27 23:37:14 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	6.248	114	391271	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	376219	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	192403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	119438	3.859	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.200%			
7) Chloroethane-d5	1.914	69	93271	3.866	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.400%			
11) 1,1-Dichloroethene-d2	2.566	65	54399	4.140	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.800%			
20) 2-Butanone-d5	4.624	46	193673	35.075	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 70.140%			
24) Chloroform-d	5.058	84	240434	4.192	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.800%			
26) 1,2-Dichloroethane-d4	5.701	65	99725	3.569	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.400%			
32) Benzene-d6	5.724	84	493051	4.400	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	6.688	67	141428	4.257	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.200%			
41) Toluene-d8	7.894	98	461344	4.538	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.800%			
43) trans-1,3-Dichloroprop...	8.177	79	48320	3.719	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.400%			
46) 2-Hexanone-d5	8.631	63	171321	51.942	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.880%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	92379	3.818	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 76.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	151963	4.233	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	101705	4.561	ug/L	97
3) Chloromethane	1.518	50	92189	4.330	ug/L	95
5) Vinyl chloride	1.605	62	103766	4.425	ug/L	99
6) Bromomethane	1.856	94	58577	4.032	ug/L	96
8) Chloroethane	1.933	64	64594	4.700	ug/L	98
9) Trichlorofluoromethane	2.139	101	154859	4.787	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	103866	4.888	ug/L	99
12) 1,1-Dichloroethene	2.579	96	91889	4.846	ug/L	89
13) Acetone	2.634	43	106994	34.003	ug/L	95
14) Carbon disulfide	2.792	76	222907	4.591	ug/L	100
15) Methyl Acetate	2.952	43	29329	4.575	ug/L	95
16) Methylene chloride	3.042	84	106533	4.958	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	213705	4.644	ug/L	100
18) trans-1,2-Dichloroethene	3.354	96	92812	4.936	ug/L	96
19) 1,1-Dichloroethane	3.865	63	187234	4.904	ug/L	98
21) 2-Butanone	4.705	43	182487	39.452	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	109526	4.811	ug/L	94
23) Bromochloromethane	4.971	128	44957	4.847	ug/L	98
25) Chloroform	5.084	83	199660	4.877	ug/L	100

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QLast Update : Wed Oct 25 05:19:13 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.791	62	106432	4.425	ug/L		99
29) 1,1,1-Trichloroethane	5.312	97	170358	4.968	ug/L		98
30) Cyclohexane	5.383	56	145052	5.014	ug/L		98
31) Carbon tetrachloride	5.521	117	148022	5.061	ug/L		98
33) Benzene	5.772	78	414834	4.997	ug/L		100
34) Trichloroethene	6.541	95	115646	4.979	ug/L		98
35) Methylcyclohexane	6.762	83	156248	4.985	ug/L		96
37) 1,2-Dichloropropane	6.788	63	109260	4.956	ug/L		100
38) Bromodichloromethane	7.103	83	134150	4.847	ug/L		98
39) cis-1,3-Dichloropropene	7.605	75	152755	4.864	ug/L		100
40) 4-Methyl-2-pentanone	7.788	43	463852	43.649	ug/L		97
42) Toluene	7.968	91	456174	5.257	ug/L		100
44) trans-1,3-Dichloropropene	8.209	75	117470	4.634	ug/L		98
45) 1,1,2-Trichloroethane	8.399	97	70869	4.572	ug/L		97
47) Tetrachloroethene	8.550	164	84138	5.173	ug/L		96
48) 2-Hexanone	8.682	43	340168	40.712	ug/L		99
49) Dibromochloromethane	8.807	129	84329	4.956	ug/L		98
50) 1,2-Dibromoethane	8.923	107	66707	4.743	ug/L	#	98
51) Chlorobenzene	9.444	112	288307	5.070	ug/L		98
52) Ethylbenzene	9.566	91	508557	5.170	ug/L		99
53) m,p-Xylene	9.692	106	193536	5.265	ug/L		98
54) o-Xylene	10.097	106	186294	5.179	ug/L		98
55) Styrene	10.113	104	313237	5.433	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.778	83	83516	4.655	ug/L	#	95
59) Bromoform	10.286	173	47265	4.829	ug/L		94
60) Isopropylbenzene	10.483	105	511098	5.331	ug/L		99
61) 1,2,3-Trichloropropane	10.820	75	59213	4.483	ug/L		98
62) 1,3,5-Trimethylbenzene	11.084	105	417587	5.330	ug/L		100
63) 1,2,4-Trimethylbenzene	11.466	105	412732	5.670	ug/L		100
64) 1,3-Dichlorobenzene	11.743	146	237014	5.215	ug/L		99
65) 1,4-Dichlorobenzene	11.833	146	237691	5.240	ug/L		97
67) 1,2-Dichlorobenzene	12.209	146	213270	5.111	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.994	75	12856	5.454	ug/L		89
69) 1,3,5-Trichlorobenzene	13.216	180	177712	5.722	ug/L		99
70) 1,2,4-trichlorobenzene	13.836	180	143392	6.246	ug/L		99
71) Naphthalene	14.084	128	208075	6.259	ug/L		100
72) 1,2,3-Trichlorobenzene	14.328	180	120203	6.073	ug/L		97

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

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