Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
Data File : VU055962.D
Acq On : 28 Oct 2023 09:44
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005165

Quant Time: Oct 30 04:47:39 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	386017	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	369406	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	191873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	126305	4.136	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.800%			
7) Chloroethane-d5	1.914	69	109288	4.592	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.800%			
11) 1,1-Dichloroethene-d2	2.567	65	57487	4.434	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.600%			
20) 2-Butanone-d5	4.628	46	258703	47.490	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.980%			
24) Chloroform-d	5.058	84	273607	4.835	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
26) 1,2-Dichloroethane-d4	5.701	65	119809	4.346	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.000%			
32) Benzene-d6	5.724	84	548933	4.989	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.800%			
36) 1,2-Dichloropropane-d6	6.689	67	159817	4.899	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.000%			
41) Toluene-d8	7.898	98	507634	5.085	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.800%			
43) trans-1,3-Dichloroprop...	8.177	79	60253	4.723	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.400%			
46) 2-Hexanone-d5	8.631	63	218137	67.355	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 134.720%#			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	118534	4.990	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.800%			
66) 1,2-Dichlorobenzene-d4	12.190	152	172820	4.828	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	99791	4.536	ug/L	97
3) Chloromethane	1.518	50	85076	4.050	ug/L	94
5) Vinyl chloride	1.605	62	97332	4.207	ug/L	100
6) Bromomethane	1.859	94	59185	4.129	ug/L	100
8) Chloroethane	1.936	64	61097	4.506	ug/L	98
9) Trichlorofluoromethane	2.139	101	148584	4.656	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.583	101	101814	4.857	ug/L	100
12) 1,1-Dichloroethene	2.579	96	88450	4.728	ug/L	94
13) Acetone	2.637	43	124336	40.053	ug/L	94
14) Carbon disulfide	2.795	76	206124	4.303	ug/L	98
15) Methyl Acetate	2.952	43	28449	4.498	ug/L	97
16) Methylene chloride	3.046	84	99413	4.690	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	211394	4.656	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	87493	4.717	ug/L	99
19) 1,1-Dichloroethane	3.866	63	178834	4.748	ug/L	96
21) 2-Butanone	4.708	43	194918	42.713	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	104200	4.639	ug/L	95
23) Bromochloromethane	4.975	128	44335	4.845	ug/L	97
25) Chloroform	5.084	83	191036	4.730	ug/L	100

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005165

Quant Time: Oct 30 04:47:39 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)
27) 1,2-Dichloroethane	5.795	62	102661	4.327	ug/L		100
29) 1,1,1-Trichloroethane	5.312	97	162640	4.831	ug/L		98
30) Cyclohexane	5.386	56	134871	4.748	ug/L		99
31) Carbon tetrachloride	5.521	117	141074	4.912	ug/L		98
33) Benzene	5.772	78	399858	4.905	ug/L		100
34) Trichloroethene	6.541	95	107602	4.719	ug/L		99
35) Methylcyclohexane	6.759	83	149724	4.865	ug/L		99
37) 1,2-Dichloropropane	6.788	63	101418	4.685	ug/L		99
38) Bromodichloromethane	7.103	83	130682	4.809	ug/L		100
39) cis-1,3-Dichloropropene	7.605	75	149706	4.855	ug/L		96
40) 4-Methyl-2-pentanone	7.788	43	480014	46.003	ug/L		97
42) Toluene	7.968	91	432976	5.082	ug/L		99
44) trans-1,3-Dichloropropene	8.209	75	119196	4.788	ug/L		100
45) 1,1,2-Trichloroethane	8.396	97	75729	4.976	ug/L		94
47) Tetrachloroethene	8.550	164	79817	4.998	ug/L		98
48) 2-Hexanone	8.682	43	373970	45.583	ug/L		99
49) Dibromochloromethane	8.807	129	85193	5.099	ug/L		98
50) 1,2-Dibromoethane	8.923	107	66701	4.830	ug/L	#	97
51) Chlorobenzene	9.444	112	276914	4.959	ug/L		98
52) Ethylbenzene	9.569	91	477543	4.945	ug/L		100
53) m,p-Xylene	9.692	106	181428	5.027	ug/L		95
54) o-Xylene	10.100	106	174002	4.927	ug/L		97
55) Styrene	10.113	104	299083	5.283	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.778	83	85650	4.862	ug/L		98
59) Bromoform	10.286	173	48055	4.923	ug/L		99
60) Isopropylbenzene	10.483	105	490125	5.126	ug/L		99
61) 1,2,3-Trichloropropane	10.820	75	59831	4.542	ug/L		95
62) 1,3,5-Trimethylbenzene	11.084	105	388754	4.975	ug/L		100
63) 1,2,4-Trimethylbenzene	11.467	105	390484	5.379	ug/L		100
64) 1,3-Dichlorobenzene	11.743	146	231106	5.099	ug/L		98
65) 1,4-Dichlorobenzene	11.833	146	226832	5.015	ug/L		97
67) 1,2-Dichlorobenzene	12.209	146	209105	5.025	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.994	75	13032	5.544	ug/L		93
69) 1,3,5-Trichlorobenzene	13.216	180	173746	5.610	ug/L		99
70) 1,2,4-trichlorobenzene	13.836	180	140359	6.131	ug/L		99
71) Naphthalene	14.087	128	193222	5.829	ug/L		100
72) 1,2,3-Trichlorobenzene	14.328	180	114574	5.805	ug/L		97

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

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTD005165

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