Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
Data File : VU055987.D
Acq On : 30 Oct 2023 10:01
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

Quant Time: Oct 31 05:25:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 30 04:51:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	339558	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	330610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	171493	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	100668	3.748	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.000%			
7) Chloroethane-d5	1.911	69	93956	4.487	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.800%			
11) 1,1-Dichloroethene-d2	2.567	65	47498	4.165	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.400%			
20) 2-Butanone-d5	4.624	46	238727	49.819	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.640%			
24) Chloroform-d	5.058	84	240255	4.827	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
26) 1,2-Dichloroethane-d4	5.698	65	110747	4.567	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
32) Benzene-d6	5.724	84	474776	4.821	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
36) 1,2-Dichloropropane-d6	6.685	67	145492	4.984	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.600%			
41) Toluene-d8	7.894	98	426140	4.770	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.400%			
43) trans-1,3-Dichloroprop...	8.177	79	53369	4.674	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.400%			
46) 2-Hexanone-d5	8.631	63	199972	68.992	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 137.980%#			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	106880	5.027	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.600%			
66) 1,2-Dichlorobenzene-d4	12.190	152	154864	4.840	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	95539	4.937	ug/L	100
3) Chloromethane	1.518	50	82068	4.441	ug/L	95
5) Vinyl chloride	1.602	62	94109	4.624	ug/L	97
6) Bromomethane	1.856	94	58379	4.630	ug/L	92
8) Chloroethane	1.933	64	58796	4.930	ug/L	97
9) Trichlorofluoromethane	2.139	101	142136	5.063	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	97577	5.292	ug/L	98
12) 1,1-Dichloroethene	2.579	96	84776	5.151	ug/L	83
13) Acetone	2.634	43	126463	46.312	ug/L	95
14) Carbon disulfide	2.792	76	202091	4.796	ug/L	99
15) Methyl Acetate	2.952	43	29137	5.237	ug/L	98
16) Methylene chloride	3.042	84	99126	5.316	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	205386	5.143	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	85718	5.253	ug/L	99
19) 1,1-Dichloroethane	3.865	63	176048	5.314	ug/L	97
21) 2-Butanone	4.705	43	192706	48.007	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	102513	5.189	ug/L	92
23) Bromochloromethane	4.975	128	43773	5.438	ug/L	93
25) Chloroform	5.084	83	186166	5.240	ug/L	99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

Quant Time: Oct 31 05:25:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	101133	4.845	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	159275	5.286	ug/L	97
30) Cyclohexane	5.383	56	129111	5.078	ug/L	99
31) Carbon tetrachloride	5.521	117	136042	5.293	ug/L	98
33) Benzene	5.772	78	388832	5.329	ug/L	100
34) Trichloroethene	6.541	95	107986	5.291	ug/L	99
35) Methylcyclohexane	6.759	83	146249	5.309	ug/L	97
37) 1,2-Dichloropropane	6.788	63	103900	5.363	ug/L	99
38) Bromodichloromethane	7.100	83	130719	5.375	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	149922	5.432	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	476036	50.976	ug/L	97
42) Toluene	7.965	91	415805	5.453	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	120420	5.405	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	72224	5.302	ug/L	97
47) Tetrachloroethene	8.550	164	80335	5.621	ug/L	96
48) 2-Hexanone	8.682	43	378590	51.561	ug/L	99
49) Dibromochloromethane	8.804	129	82934	5.546	ug/L	96
50) 1,2-Dibromoethane	8.920	107	64504	5.219	ug/L	97
51) Chlorobenzene	9.444	112	270582	5.415	ug/L	99
52) Ethylbenzene	9.569	91	468733	5.423	ug/L	100
53) m,p-Xylene	9.692	106	176793	5.473	ug/L	93
54) o-Xylene	10.097	106	170915	5.407	ug/L	97
55) Styrene	10.113	104	295991	5.842	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	86247	5.470	ug/L	97
59) Bromoform	10.286	173	48273	5.533	ug/L	95
60) Isopropylbenzene	10.479	105	467750	5.474	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	60205	5.114	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	379227	5.430	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	377150	5.813	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	228654	5.644	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	224496	5.553	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	206310	5.547	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	12248	5.830	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	172272	6.223	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	142334	6.956	ug/L	99
71) Naphthalene	14.084	128	197339	6.660	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	118645	6.726	ug/L	98

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

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