Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030124\
Data File : VU057980.D
Acq On : 01 Mar 2024 16:14
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

Quant Time: Mar 01 22:46:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 01 22:42:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	154366	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	144965	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49241	4.434	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.600%			
7) Chloroethane-d5	1.907	69	41778	4.577	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.600%			
11) 1,1-Dichloroethene-d2	2.560	65	21785	4.533	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.600%			
20) 2-Butanone-d5	4.611	46	94880	51.848	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.700%			
24) Chloroform-d	5.055	84	99351	4.730	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.600%			
26) 1,2-Dichloroethane-d4	5.695	65	46583	4.894	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.800%			
32) Benzene-d6	5.721	84	194956	4.615	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.200%			
36) 1,2-Dichloropropane-d6	6.682	67	60237	4.690	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.800%			
41) Toluene-d8	7.894	98	177058	4.626	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.600%			
43) trans-1,3-Dichloroprop...	8.174	79	21159	4.791	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.800%			
46) 2-Hexanone-d5	8.627	63	79612	53.691	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.380%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40572	5.152	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	57049	4.823	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	44554	4.764	ug/L	99
3) Chloromethane	1.515	50	49746	4.549	ug/L	100
5) Vinyl chloride	1.599	62	54246	4.611	ug/L	97
6) Bromomethane	1.853	94	28129	4.540	ug/L	96
8) Chloroethane	1.927	64	34147	4.610	ug/L	95
9) Trichlorofluoromethane	2.132	101	77250	4.610	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	49847	4.758	ug/L	99
12) 1,1-Dichloroethene	2.573	96	43407	4.660	ug/L	97
13) Acetone	2.618	43	66053	48.502	ug/L	98
14) Carbon disulfide	2.788	76	128051	4.446	ug/L	99
15) Methyl Acetate	2.943	43	15879	5.254	ug/L #	89
16) Methylene chloride	3.036	84	51711	4.568	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	105628	4.796	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	47200	4.652	ug/L	96
19) 1,1-Dichloroethane	3.859	63	95933	4.740	ug/L	97
21) 2-Butanone	4.692	43	104273	48.592	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	51466	4.612	ug/L	97
23) Bromochloromethane	4.965	128	20154	4.863	ug/L	94
25) Chloroform	5.078	83	97674	4.727	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	56914	4.976	ug/L		100
29) 1,1,1-Trichloroethane	5.309	97	81923	4.748	ug/L		99
30) Cyclohexane	5.380	56	80277	4.608	ug/L		99
31) Carbon tetrachloride	5.518	117	70967	4.733	ug/L		98
33) Benzene	5.766	78	211558	4.756	ug/L		100
34) Trichloroethene	6.537	95	55022	4.701	ug/L		97
35) Methylcyclohexane	6.756	83	84344	4.701	ug/L		100
37) 1,2-Dichloropropane	6.785	63	55719	4.858	ug/L		98
38) Bromodichloromethane	7.100	83	66609	4.786	ug/L		100
39) cis-1,3-Dichloropropene	7.602	75	74598	4.720	ug/L		99
40) 4-Methyl-2-pentanone	7.782	43	263778	49.988	ug/L		99
42) Toluene	7.962	91	222412	4.801	ug/L		99
44) trans-1,3-Dichloropropene	8.206	75	59296	4.708	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	32434	4.769	ug/L		98
47) Tetrachloroethene	8.547	164	38024	4.683	ug/L		97
48) 2-Hexanone	8.679	43	197655	51.077	ug/L		100
49) Dibromochloromethane	8.804	129	39267	4.877	ug/L		98
50) 1,2-Dibromoethane	8.920	107	30607	5.071	ug/L		96
51) Chlorobenzene	9.441	112	137118	4.720	ug/L		100
52) Ethylbenzene	9.566	91	249216	4.807	ug/L		100
53) m,p-Xylene	9.688	106	90371	4.879	ug/L		98
54) o-Xylene	10.097	106	86734	4.698	ug/L		100
55) Styrene	10.110	104	140783	4.859	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.778	83	39449	4.924	ug/L		95
59) Bromoform	10.286	173	19482	4.864	ug/L		98
60) Isopropylbenzene	10.479	105	225880	4.723	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	28596	4.861	ug/L		98
62) 1,3,5-Trimethylbenzene	11.084	105	192755	4.778	ug/L		100
63) 1,2,4-Trimethylbenzene	11.463	105	192170	4.827	ug/L		100
64) 1,3-Dichlorobenzene	11.740	146	102509	4.715	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	101023	4.747	ug/L		98
67) 1,2-Dichlorobenzene	12.209	146	91989	4.847	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5894	5.050	ug/L	#	89
69) 1,3,5-Trichlorobenzene	13.216	180	75385	4.820	ug/L		98
70) 1,2,4-trichlorobenzene	13.836	180	57041	4.855	ug/L		99
71) Naphthalene	14.084	128	73157	4.559	ug/L		98
72) 1,2,3-Trichlorobenzene	14.325	180	44597	4.805	ug/L		99

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

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