Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
Data File : VU054919.D
Acq On : 28 Aug 2023 11:56
Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV048

Quant Time: Aug 29 04:46:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 29 04:38:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	207224	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	195498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	109696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33955	5.192	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.800%			
7) Chloroethane-d5	1.911	69	42259	5.001	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.000%			
11) 1,1-Dichloroethene-d2	2.563	65	19072	5.159	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.200%			
20) 2-Butanone-d5	4.628	46	177763	50.352	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.700%			
24) Chloroform-d	5.062	84	129406	5.334	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.600%			
26) 1,2-Dichloroethane-d4	5.701	65	65899	5.104	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.000%			
32) Benzene-d6	5.724	84	230359	5.242	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.800%			
36) 1,2-Dichloropropane-d6	6.689	67	79290	5.130	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.600%			
41) Toluene-d8	7.897	98	215435	5.119	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.400%			
43) trans-1,3-Dichloroprop...	8.180	79	26761	5.261	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.200%			
46) 2-Hexanone-d5	8.634	63	121926	50.504	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.000%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	68069	5.136	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.800%			
66) 1,2-Dichlorobenzene-d4	12.193	152	93150	5.318	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	64097	4.992	ug/L	100
3) Chloromethane	1.518	50	65612	4.897	ug/L	97
5) Vinyl chloride	1.602	62	70558	5.073	ug/L	100
6) Bromomethane	1.856	94	42413	4.887	ug/L	98
8) Chloroethane	1.930	64	44425	4.857	ug/L	100
9) Trichlorofluoromethane	2.136	101	96266	4.864	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	54896	5.106	ug/L	95
12) 1,1-Dichloroethene	2.576	96	47867	5.115	ug/L	93
13) Acetone	2.634	43	93284	48.883	ug/L	99
14) Carbon disulfide	2.788	76	130154	5.022	ug/L	98
15) Methyl Acetate	2.956	43	18890	4.836	ug/L	99
16) Methylene chloride	3.046	84	59003	4.105	ug/L	95
17) Methyl tert-butyl Ether	3.364	73	133492	4.902	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	52537	5.138	ug/L	93
19) 1,1-Dichloroethane	3.869	63	108112	5.040	ug/L	99
21) 2-Butanone	4.708	43	142040	48.575	ug/L	100
22) cis-1,2-Dichloroethene	4.666	96	60918	4.997	ug/L	91
23) Bromochloromethane	4.975	128	26909	5.101	ug/L	97
25) Chloroform	5.087	83	113161	4.810	ug/L	99

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VICV048

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	72015	5.010	ug/L	98
29) 1,1,1-Trichloroethane	5.316	97	97129	4.998	ug/L	98
30) Cyclohexane	5.386	56	89494	5.195	ug/L	98
31) Carbon tetrachloride	5.525	117	82582	4.995	ug/L	100
33) Benzene	5.772	78	235287	5.102	ug/L	100
34) Trichloroethene	6.541	95	66077	5.170	ug/L	98
35) Methylcyclohexane	6.762	83	95991	5.076	ug/L	99
37) 1,2-Dichloropropane	6.791	63	64506	5.017	ug/L	100
38) Bromodichloromethane	7.103	83	75802	4.753	ug/L	98
39) cis-1,3-Dichloropropene	7.608	75	95669	5.164	ug/L	98
40) 4-Methyl-2-pentanone	7.791	43	361498	50.436	ug/L	100
42) Toluene	7.968	91	255312	4.989	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	78376	5.123	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	45720	5.269	ug/L	98
47) Tetrachloroethene	8.553	164	47086	5.127	ug/L	92
48) 2-Hexanone	8.685	43	301792	56.856	ug/L	99
49) Dibromochloromethane	8.811	129	48686	4.844	ug/L	87
50) 1,2-Dibromoethane	8.923	107	41593	4.980	ug/L	94
51) Chlorobenzene	9.447	112	168609	5.062	ug/L	97
52) Ethylbenzene	9.569	91	290712	5.037	ug/L	99
53) m,p-Xylene	9.692	106	108369	5.010	ug/L	96
54) o-Xylene	10.100	106	108147	5.215	ug/L	97
55) Styrene	10.116	104	180736	5.287	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.782	83	52946	4.932	ug/L	98
59) Bromoform	10.290	173	26463	4.856	ug/L	99
60) Isopropylbenzene	10.483	105	298852	5.075	ug/L	99
61) 1,2,3-Trichloropropane	10.823	75	41270	5.053	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	259515	5.135	ug/L	99
63) 1,2,4-Trimethylbenzene	11.470	105	248012	5.289	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	141458	5.163	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	143683	5.242	ug/L	99
67) 1,2-Dichlorobenzene	12.212	146	129653	5.192	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.997	75	8333	5.266	ug/L	99
69) 1,3,5-Trichlorobenzene	13.219	180	106337	5.821	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	91707	6.410	ug/L	99
71) Naphthalene	14.087	128	176411	8.196	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	80816	6.817	ug/L	96

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

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