Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051241.D
Acq On : 08 Oct 2022 00:45
Operator : JC/MD
Sample : N4900-05MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXFT0MS

Quant Time: Oct 08 04:31:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 08 00:50:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	173475	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	192577	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89065	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57481	4.108	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.200%			
7) Chloroethane-d5	1.906	69	55222	4.593	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.800%			
11) 1,1-Dichloroethene-d2	2.562	65	22212	4.016	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.400%			
20) 2-Butanone-d5	4.620	46	165845	53.831	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.660%			
24) Chloroform-d	5.060	84	135895	5.209	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.200%			
26) 1,2-Dichloroethane-d4	5.700	65	70193	5.217	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.400%			
32) Benzene-d6	5.726	84	238661	4.505	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.000%			
36) 1,2-Dichloropropane-d6	6.687	67	83890	4.663	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.200%			
41) Toluene-d8	7.896	98	227144	4.792	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
43) trans-1,3-Dichloroprop...	8.179	79	28884	4.886	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.800%			
46) 2-Hexanone-d5	8.629	63	99439	49.914	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.820%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	76368	5.313	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.200%			
66) 1,2-Dichlorobenzene-d4	12.192	152	74787	4.831	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	58050	4.102	ug/L	98
3) Chloromethane	1.520	50	93486	4.705	ug/L	99
5) Vinyl chloride	1.601	62	91211	4.680	ug/L	95
6) Bromomethane	1.848	94	57933	5.459	ug/L	97
8) Chloroethane	1.928	64	59228	4.765	ug/L	96
9) Trichlorofluoromethane	2.134	101	96691	4.304	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	53511	3.969	ug/L	99
12) 1,1-Dichloroethene	2.578	96	54553	4.312	ug/L	88
13) Acetone	2.623	43	125543	54.331	ug/L	98
14) Carbon disulfide	2.790	76	171758	4.433	ug/L	99
15) Methyl Acetate	2.951	43	26814	4.773	ug/L	99
16) Methylene chloride	3.041	84	82368	4.409	ug/L	96
17) Methyl tert-butyl Ether	3.362	73	140561	4.851	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	61827	4.645	ug/L	99
19) 1,1-Dichloroethane	3.867	63	137568	5.009	ug/L	98
21) 2-Butanone	4.700	43	194588	53.434	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	70530	4.784	ug/L	98
23) Bromochloromethane	4.970	128	38182	5.428	ug/L	96
25) Chloroform	5.086	83	148173	5.165	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	91252	5.310	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	102479	4.441	ug/L	99
30) Cyclohexane	5.385	56	64874	3.315	ug/L	98
31) Carbon tetrachloride	5.520	117	83307	4.267	ug/L	97
33) Benzene	5.771	78	304566	4.737	ug/L	100
34) Trichloroethene	6.539	95	67728	4.223	ug/L	99
35) Methylcyclohexane	6.761	83	64883	3.206	ug/L	98
37) 1,2-Dichloropropane	6.787	63	86108	4.887	ug/L	99
38) Bromodichloromethane	7.105	83	105311	5.010	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	95167	4.493	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	476698	51.563	ug/L	98
42) Toluene	7.967	91	320563	4.698	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	85433	4.665	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	63472	5.130	ug/L	97
47) Tetrachloroethene	8.552	164	47906	4.063	ug/L	98
48) 2-Hexanone	8.681	43	373865	54.313	ug/L	97
49) Dibromochloromethane	8.809	129	68297	4.916	ug/L	99
50) 1,2-Dibromoethane	8.922	107	56592	5.139	ug/L	99
51) Chlorobenzene	9.446	112	193351	4.742	ug/L	100
52) Ethylbenzene	9.568	91	267893	4.368	ug/L	99
53) m,p-Xylene	9.693	106	101152	4.253	ug/L	96
54) o-Xylene	10.099	106	101706	4.519	ug/L	98
55) Styrene	10.115	104	180732	4.665	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	83507	5.453	ug/L	98
59) Bromoform	10.291	173	36820	4.969	ug/L	98
60) Isopropylbenzene	10.481	105	244739	4.338	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	57452	5.108	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	59285	3.962	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	166586	3.936	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	131042	4.696	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	126769	4.609	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	131301	4.840	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	11055	5.139	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	83641	4.349	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	56545	4.136	ug/L	100
71) Naphthalene	14.086	128	96315	3.790	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	58531	4.139	ug/L	99

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

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