Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
Data File : VU059505.D
Acq On : 26 Jun 2024 05:19
Operator : MD/SY
Sample : P3006-14MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
JMRH8MS

Quant Time: Jun 26 06:21:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 26 05:55:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	138836	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77647	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27678	2.867	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 57.400%			
7) Chloroethane-d5	1.907	69	33209	3.575	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.600%			
11) 1,1-Dichloroethene-d2	2.560	65	10944	2.732	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.600%#			
20) 2-Butanone-d5	4.621	46	139241	70.020	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 140.040%#			
24) Chloroform-d	5.052	84	87254	4.403	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
26) 1,2-Dichloroethane-d4	5.692	65	43647	4.573	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
32) Benzene-d6	5.721	84	143326	3.571	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 71.400%			
36) 1,2-Dichloropropane-d6	6.682	67	52640	4.280	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.600%			
41) Toluene-d8	7.891	98	120394	3.227	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 64.600%#			
43) trans-1,3-Dichloroprop...	8.177	79	15943	4.140	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.800%			
46) 2-Hexanone-d5	8.624	63	113383	70.856	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 141.720%#			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59661	5.871	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 117.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	60081	4.347	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	59930	5.094	ug/L	100
3) Chloromethane	1.515	50	66593	5.259	ug/L	98
5) Vinyl chloride	1.599	62	73262	5.238	ug/L	99
6) Bromomethane	1.853	94	47041	4.837	ug/L	99
8) Chloroethane	1.930	64	47070	5.585	ug/L	96
9) Trichlorofluoromethane	2.132	101	93000	5.523	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	55400	5.198	ug/L	95
12) 1,1-Dichloroethene	2.573	96	52841	5.366	ug/L #	76
13) Acetone	2.631	43	185362	143.695	ug/L	93
14) Carbon disulfide	2.785	76	169098	5.147	ug/L	100
15) Methyl Acetate	2.946	43	15117	4.441	ug/L	91
16) Methylene chloride	3.036	84	61507	5.271	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	124581	5.871	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	55504	5.420	ug/L	91
19) 1,1-Dichloroethane	3.859	63	103278	5.469	ug/L	98
21) 2-Butanone	4.701	43	152213	73.567	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	63293	5.607	ug/L	95
23) Bromochloromethane	4.965	128	30491	5.925	ug/L	88
25) Chloroform	5.078	83	108447	5.452	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	69131	5.736	ug/L		98
29) 1,1,1-Trichloroethane	5.306	97	89646	5.323	ug/L		97
30) Cyclohexane	5.380	56	75403	5.071	ug/L		92
31) Carbon tetrachloride	5.515	117	75195	5.333	ug/L		98
33) Benzene	5.766	78	241971	5.464	ug/L		100
34) Trichloroethene	6.534	95	116147	9.684	ug/L		97
35) Methylcyclohexane	6.756	83	85293	4.998	ug/L		95
37) 1,2-Dichloropropane	6.782	63	62638	5.465	ug/L	#	97
38) Bromodichloromethane	7.097	83	77817	5.440	ug/L		97
39) cis-1,3-Dichloropropene	7.602	75	77473	4.943	ug/L		100
40) 4-Methyl-2-pentanone	7.782	43	330182	62.174	ug/L		95
42) Toluene	7.962	91	260306	5.552	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	67068	5.331	ug/L		97
45) 1,1,2-Trichloroethane	8.393	97	48810	5.779	ug/L		99
47) Tetrachloroethene	8.547	164	141060	15.157	ug/L		97
48) 2-Hexanone	8.676	43	242086	63.873	ug/L	#	93
49) Dibromochloromethane	8.801	129	53280	5.695	ug/L		97
50) 1,2-Dibromoethane	8.917	107	45403	5.821	ug/L		98
51) Chlorobenzene	9.441	112	160980	5.413	ug/L		95
52) Ethylbenzene	9.563	91	259011	5.385	ug/L		98
53) m,p-Xylene	9.688	106	100693	5.451	ug/L		98
54) o-Xylene	10.094	106	96222	5.489	ug/L		95
55) Styrene	10.110	104	170351	5.708	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.775	83	62447	6.095	ug/L		95
59) Bromoform	10.283	173	33419	5.624	ug/L		97
60) Isopropylbenzene	10.479	105	249413	5.200	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	40844	5.692	ug/L		95
62) 1,3,5-Trimethylbenzene	11.084	105	189434	4.985	ug/L		98
63) 1,2,4-Trimethylbenzene	11.463	105	189026	5.203	ug/L		97
64) 1,3-Dichlorobenzene	11.740	146	129853	5.323	ug/L		100
65) 1,4-Dichlorobenzene	11.830	146	129427	5.154	ug/L		97
67) 1,2-Dichlorobenzene	12.206	146	121285	5.283	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8875	6.341	ug/L	#	88
69) 1,3,5-Trichlorobenzene	13.212	180	89976	4.982	ug/L		98
70) 1,2,4-trichlorobenzene	13.836	180	71432	5.156	ug/L		96
71) Naphthalene	14.081	128	109763	5.536	ug/L		98
72) 1,2,3-Trichlorobenzene	14.325	180	69279	5.386	ug/L		99

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

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