Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
Data File : VU059506.D
Acq On : 26 Jun 2024 05:43
Operator : MD/SY
Sample : P3006-15MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
JMRH8MSD

Quant Time: Jun 26 06:22:11 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	142196	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77769	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28751	2.908	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 58.200%			
7) Chloroethane-d5	1.907	69	34155	3.590	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.800%			
11) 1,1-Dichloroethene-d2	2.557	65	11287	2.752	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.000%#			
20) 2-Butanone-d5	4.618	46	137837	67.676	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 135.360%#			
24) Chloroform-d	5.052	84	88576	4.364	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.200%			
26) 1,2-Dichloroethane-d4	5.695	65	44962	4.599	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
32) Benzene-d6	5.721	84	145028	3.602	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.000%			
36) 1,2-Dichloropropane-d6	6.682	67	52822	4.282	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.600%			
41) Toluene-d8	7.891	98	122282	3.267	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.400%#			
43) trans-1,3-Dichloroprop...	8.174	79	16427	4.252	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.000%			
46) 2-Hexanone-d5	8.624	63	114452	71.305	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 142.620%#			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59478	5.835	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	61756	4.462	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	59828	4.965	ug/L	100
3) Chloromethane	1.515	50	66424	5.122	ug/L	99
5) Vinyl chloride	1.599	62	74446	5.197	ug/L	100
6) Bromomethane	1.853	94	46639	4.682	ug/L	97
8) Chloroethane	1.927	64	46015	5.331	ug/L	98
9) Trichlorofluoromethane	2.132	101	90459	5.246	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54505	4.993	ug/L	94
12) 1,1-Dichloroethene	2.573	96	51907	5.147	ug/L #	76
13) Acetone	2.631	43	186783	141.376	ug/L	92
14) Carbon disulfide	2.785	76	168483	5.007	ug/L	100
15) Methyl Acetate	2.949	43	14552	4.174	ug/L	95
16) Methylene chloride	3.036	84	60553	5.067	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	124564	5.732	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	55493	5.291	ug/L	92
19) 1,1-Dichloroethane	3.859	63	102727	5.311	ug/L	98
21) 2-Butanone	4.698	43	149986	70.778	ug/L	88
22) cis-1,2-Dichloroethene	4.656	96	63077	5.456	ug/L	93
23) Bromochloromethane	4.965	128	29284	5.556	ug/L	88
25) Chloroform	5.078	83	110305	5.415	ug/L	99

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QLast Update : Wed Jun 26 05:55:36 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67691	5.483	ug/L		98
29) 1,1,1-Trichloroethane	5.306	97	88360	5.231	ug/L		98
30) Cyclohexane	5.380	56	76711	5.143	ug/L		95
31) Carbon tetrachloride	5.515	117	73110	5.169	ug/L		99
33) Benzene	5.766	78	236549	5.325	ug/L		100
34) Trichloroethene	6.534	95	118216	9.826	ug/L		97
35) Methylcyclohexane	6.756	83	83301	4.866	ug/L		95
37) 1,2-Dichloropropane	6.782	63	62418	5.430	ug/L	#	97
38) Bromodichloromethane	7.100	83	76681	5.344	ug/L		95
39) cis-1,3-Dichloropropene	7.602	75	78530	4.995	ug/L		99
40) 4-Methyl-2-pentanone	7.782	43	329042	61.769	ug/L		96
42) Toluene	7.962	91	257008	5.465	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	65757	5.211	ug/L		100
45) 1,1,2-Trichloroethane	8.393	97	49081	5.794	ug/L		98
47) Tetrachloroethene	8.547	164	143436	15.365	ug/L		94
48) 2-Hexanone	8.676	43	246494	64.836	ug/L	#	94
49) Dibromochloromethane	8.804	129	51950	5.536	ug/L		94
50) 1,2-Dibromoethane	8.917	107	45782	5.852	ug/L		98
51) Chlorobenzene	9.441	112	161820	5.425	ug/L		97
52) Ethylbenzene	9.563	91	257351	5.334	ug/L		98
53) m,p-Xylene	9.688	106	100504	5.424	ug/L		98
54) o-Xylene	10.094	106	96936	5.512	ug/L		98
55) Styrene	10.110	104	168871	5.641	ug/L		93
57) 1,1,2,2-Tetrachloroethane	10.775	83	62462	6.078	ug/L		99
59) Bromoform	10.283	173	33512	5.631	ug/L		97
60) Isopropylbenzene	10.479	105	252208	5.250	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	41339	5.752	ug/L		96
62) 1,3,5-Trimethylbenzene	11.084	105	191608	5.034	ug/L		99
63) 1,2,4-Trimethylbenzene	11.463	105	192740	5.297	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	129740	5.310	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	128619	5.114	ug/L		100
67) 1,2-Dichlorobenzene	12.206	146	125115	5.441	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.987	75	8834	6.302	ug/L	#	87
69) 1,3,5-Trichlorobenzene	13.212	180	91794	5.075	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	75895	5.470	ug/L		97
71) Naphthalene	14.084	128	125118	6.300	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	75058	5.826	ug/L		98

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

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