Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
Data File : VU052257.D
Acq On : 08 Dec 2022 18:34
Operator : JC/MD
Sample : N5930-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ85

Quant Time: Dec 08 22:33:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 04:19:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	1243	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	985	5.000	ug/L	# 0.01
58) 1,4-Dichlorobenzene-d4	11.806	152	1354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.356	65	203	1.679	ug/L	-0.24
Spiked Amount 5.000	Range 40 - 130		Recovery = 33.600%#			
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount 5.000	Range 65 - 130		Recovery = 0.000%#			
11) 1,1-Dichloroethene-d2	2.568	65	20	0.461	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 9.200%#			
20) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount 50.000	Range 40 - 130		Recovery = 0.000%#			
24) Chloroform-d	5.086	84	13054	73.481	ug/L	0.03
Spiked Amount 5.000	Range 70 - 125		Recovery = 1469.600%#			
26) 1,2-Dichloroethane-d4	5.706	65	809	9.016	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 180.400%#			
32) Benzene-d6	5.735	84	272	0.930	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 18.600%#			
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount 5.000	Range 60 - 140		Recovery = 0.000%#			
41) Toluene-d8	7.896	98	1273	4.811	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.200%			
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount 5.000	Range 55 - 130		Recovery = 0.000%#			
46) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount 50.000	Range 45 - 130		Recovery = 0.000%#			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	279	3.556	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 71.200%			
66) 1,2-Dichlorobenzene-d4	12.188	152	909	3.507	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 70.200%#			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1239	8.806	ug/L	93
5) Vinyl chloride	1.375	62	41	0.303	ug/L #	41
6) Bromomethane	1.858	94	69	0.995	ug/L #	3
8) Chloroethane	1.935	64	218	2.593	ug/L #	45
13) Acetone	2.662	43	37724	2534.842	ug/L	69
14) Carbon disulfide	2.797	76	2860	9.162	ug/L	100
15) Methyl Acetate	3.035	43	246	6.373	ug/L #	48
16) Methylene chloride	3.047	84	107665	882.583	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	148	0.733	ug/L #	16
19) 1,1-Dichloroethane	3.687	63	22	0.126	ug/L #	50
21) 2-Butanone	4.755	43	677	28.382	ug/L #	56
23) Bromochloromethane	4.964	128	150	3.091	ug/L #	1
25) Chloroform	5.086	83	331785	1879.536	ug/L	98
27) 1,2-Dichloroethane	5.796	62	287	2.655	ug/L #	72
29) 1,1,1-Trichloroethane	5.301	97	79	0.723	ug/L #	23
30) Cyclohexane	5.378	56	20	0.188	ug/L #	14
33) Benzene	5.777	78	1293	4.033	ug/L	100
34) Trichloroethene	6.539	95	8627	107.897	ug/L	91
35) Methylcyclohexane	6.768	83	269	2.339	ug/L #	63

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
38) Bromodichloromethane	7.108	83	7330	72.437	ug/L	#	97
40) 4-Methyl-2-pentanone	7.796	43	170	3.921	ug/L	#	40
42) Toluene	7.970	91	10267	31.136	ug/L		100
47) Tetrachloroethene	8.546	164	42	0.685	ug/L	#	25
48) 2-Hexanone	8.700	43	936	29.449	ug/L	#	66
49) Dibromochloromethane	8.806	129	1200	17.178	ug/L		93
51) Chlorobenzene	9.443	112	849	4.038	ug/L	#	86
52) Ethylbenzene	9.571	91	1504	4.692	ug/L		88
53) m,p-Xylene	9.690	106	2277	18.343	ug/L		87
54) o-Xylene	10.099	106	695	5.842	ug/L		87
60) Isopropylbenzene	10.099	105	222	0.261	ug/L	#	65
62) 1,3,5-Trimethylbenzene	10.099	105	222	0.327	ug/L	#	29
64) 1,3-Dichlorobenzene	11.841	146	377	0.868	ug/L		91
65) 1,4-Dichlorobenzene	11.841	146	377	0.870	ug/L		90
67) 1,2-Dichlorobenzene	12.214	146	1479	3.537	ug/L		87
71) Naphthalene	14.108	128	276	0.627	ug/L	#	1

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

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