Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
Data File : VU051610.D
Acq On : 31 Oct 2022 14:39
Operator : JC/MD
Sample : N5301-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBXC4

Quant Time: Nov 01 01:26:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 01 01:25:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	162216	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	172256	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84252	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47817	3.914	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.200%			
7) Chloroethane-d5	1.903	69	57329	4.499	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.000%			
11) 1,1-Dichloroethene-d2	2.562	65	19171	4.324	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.400%			
20) 2-Butanone-d5	4.616	46	272391	61.563	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.120%			
24) Chloroform-d	5.060	84	143162	5.008	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.200%			
26) 1,2-Dichloroethane-d4	5.700	65	79434	5.143	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.800%			
32) Benzene-d6	5.726	84	229683	4.225	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.600%			
36) 1,2-Dichloropropane-d6	6.687	67	87866	4.623	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.400%			
41) Toluene-d8	7.896	98	190087	4.447	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.000%			
43) trans-1,3-Dichloroprop...	8.179	79	27643	4.756	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.200%			
46) 2-Hexanone-d5	8.629	63	212740	60.805	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.620%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	95980	5.510	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.200%			
66) 1,2-Dichlorobenzene-d4	12.192	152	68931	4.458	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	86484	4.875	ug/L	100
5) Vinyl chloride	1.604	62	99445	4.642	ug/L #	6
8) Chloroethane	1.925	64	217471	16.718	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	201182	14.552	ug/L	99
12) 1,1-Dichloroethene	2.575	96	39190	2.779	ug/L #	76
13) Acetone	2.620	43	387116	172.437	ug/L	100
15) Methyl Acetate	2.945	43	81057	13.791	ug/L	97
18) trans-1,2-Dichloroethene	3.350	96	50119	3.312	ug/L	98
19) 1,1-Dichloroethane	3.867	63	70712	2.533	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	78908	4.712	ug/L	98
23) Bromochloromethane	4.970	128	47301	6.041	ug/L	98
25) Chloroform	5.086	83	275398	9.510	ug/L	99
27) 1,2-Dichloroethane	5.793	62	44289	2.485	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	55270	2.363	ug/L	99
31) Carbon tetrachloride	5.523	117	73423	3.671	ug/L	98
34) Trichloroethene	6.542	95	40481	2.468	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	117010	5.216	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	717149	81.777	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	52558	2.804	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	30681	2.395	ug/L	98
47) Tetrachloroethene	8.552	164	44218	3.519	ug/L	93
50) 1,2-Dibromoethane	8.922	107	72354	6.259	ug/L	94
51) Chlorobenzene	9.446	112	292882	6.666	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	31985	2.013	ug/L	99
59) Bromoform	10.288	173	30093	3.866	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	196541	4.117	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	103046	3.365	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	65153	2.122	ug/L	94
70) 1,2,4-trichlorobenzene	13.838	180	81375	4.857	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	48536	2.869	ug/L	99

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

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