Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062191.D
Acq On : 23 Jul 2024 18:36
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 23 23:11:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CK9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	48227	20.000	ng/ul	0.00
20) Naphthalene-d8	10.880	136	208293	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	169084	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	403364	20.000	ng/ul	0.00
79) Chrysene-d12	21.700	240	366406	20.000	ng/ul	0.00
88) Perylene-d12	24.937	264	385070	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.454	96	2699	2.613	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.237	99	78642	16.564	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.384	67	43851	16.075	ng/ul	0.00
11) 2-Chlorophenol-d4	7.602	132	50947	17.027	ng/ul	0.00
15) 4-Methylphenol-d8	8.782	113	60324	16.683	ng/ul	0.00
21) Nitrobenzene-d5	9.229	128	25710	15.493	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.957	143	32460	16.251	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	72538	17.348	ng/ul	0.00
31) 4-Chloroaniline-d4	11.021	131	5119m	1.018	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	244191	17.038	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	258505	17.789	ng/ul	0.00
54) 4-Nitrophenol-d4	14.921	143	25080	14.522	ng/ul	0.00
60) Fluorene-d10	15.685	176	219649	18.000	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	37307	14.554	ng/ul	0.00
73) Anthracene-d10	17.535	188	345750	18.350	ng/ul	0.00
81) Pyrene-d10	19.820	212	358196	17.242	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.708	264	248409	12.905	ng/ul	-0.01
Target Compounds						Qvalue
6) Benzaldehyde	7.208	77	4074	1.634	ng/ul#	73
72) Phenanthrene	17.476	178	111897	5.765	ng/ul	96
74) Anthracene	17.570	178	21050m	1.053	ng/ul	
80) Fluoranthene	19.486	202	245918	10.319	ng/ul	99
82) Pyrene	19.850	202	190437	7.685	ng/ul	99
85) Benzo(a)anthracene	21.683	228	125426	4.877	ng/ul#	92
86) Bis(2-ethylhexyl)phtha...	21.565	149	14749	1.399	ng/ul#	97
87) Chrysene	21.747	228	135671	5.738	ng/ul#	90
90) Benzo(b)fluoranthene	23.897	252	149669	6.291	ng/ul	96
91) Benzo(k)fluoranthene	23.968	252	75276m	3.170	ng/ul	
93) Benzo(a)pyrene	24.778	252	64203m	2.882	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.644	276	54036m	2.111	ng/ul	
95) Dibenzo(a,h)anthracene	28.679	278	23564m	1.110	ng/ul	

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

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