Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061845.D
Acq On : 2 Jul 2024 13:43
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jul 03 01:38:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CS8

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	69289	20.000	ng/ul	0.00
20) Naphthalene-d8	10.873	136	328131	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	202839	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.436	188	430128	20.000	ng/ul	0.00
79) Chrysene-d12	21.695	240	330931	20.000	ng/ul	0.00
88) Perylene-d12	24.927	264	395060	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	9234	4.814	ng/uL	0.00
4) Pyridine-d5	3.887	84	7494	1.292	ng/ul	0.02
7) Phenol-d5	7.218	99	251489	33.434	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.383	67	151252	32.256	ng/ul	0.00
11) 2-Chlorophenol-d4	7.594	132	177945	34.473	ng/ul	0.01
15) 4-Methylphenol-d8	8.763	113	192386	33.085	ng/ul	0.01
21) Nitrobenzene-d5	9.222	128	88377	39.667	ng/ul	0.00
24) 2-Nitrophenol-d4	9.950	143	107098	47.461	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.485	165	191410	35.823	ng/ul	0.00
31) 4-Chloroaniline-d4	11.002	131	64425	7.964	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	563933	36.128	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	631985	36.944	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	90180	33.640	ng/ul	0.02
60) Fluorene-d10	15.679	176	496042	36.300	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	40466	22.001	ng/ul	0.00
73) Anthracene-d10	17.536	188	715805	36.458	ng/ul	0.00
81) Pyrene-d10	19.815	212	644409	34.861	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.704	264	454934	24.111	ng/ul	0.02
Target Compounds						Qvalue
16) Acetophenone	8.887	105	12302m	1.285	ng/ul	
72) Phenanthrene	17.477	178	115775	5.116	ng/ul	99
74) Anthracene	17.565	178	24617	1.064	ng/ul	96
80) Fluoranthene	19.480	202	232448	10.838	ng/ul#	95
82) Pyrene	19.845	202	183161	8.031	ng/ul	98
85) Benzo(a)anthracene	21.678	228	118017	5.080	ng/ul	97
87) Chrysene	21.742	228	144420m	6.570	ng/ul	
90) Benzo(b)fluoranthene	23.893	252	200889	8.459	ng/ul#	94
91) Benzo(k)fluoranthene	23.963	252	60365m	2.472	ng/ul	
93) Benzo(a)pyrene	24.768	252	70766	3.095	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.587	276	77166m	2.709	ng/ul	
95) Dibenzo(a,h)anthracene	28.652	278	30123m	1.272	ng/ul	

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

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