Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061546.D
Acq On : 7 Jun 2024 23:46
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C33

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 08 00:35:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	24585	20.000	ng/ul	0.00
20) Naphthalene-d8	10.664	136	94566	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.512	164	72695	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	169872	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	181273	20.000	ng/ul	0.00
88) Perylene-d12	24.624	264	211543	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	1872	4.261	ng/uL	-0.03
4) Pyridine-d5	3.743	84	12041	7.704	ng/ul	-0.03
7) Phenol-d5	7.062	99	42818	21.208	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.197	67	25821	20.348	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.409	132	35938	24.052	ng/ul	0.00
15) 4-Methylphenol-d8	8.596	113	34120	19.820	ng/ul	0.00
21) Nitrobenzene-d5	9.031	128	18858	25.901	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	21887	25.685	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	44204	26.609	ng/ul	0.00
31) 4-Chloroaniline-d4	10.811	131	11869	5.461	ng/ul	0.00
46) Dimethylphthalate-d6	13.919	166	131906	23.396	ng/ul	0.00
49) Acenaphthylene-d8	14.201	160	144290	24.616	ng/ul	0.00
54) 4-Nitrophenol-d4	14.765	143	13500m	19.367	ng/ul	0.00
60) Fluorene-d10	15.505	176	116779	23.991	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	17390	16.926	ng/ul	0.00
73) Anthracene-d10	17.362	188	189383	25.288	ng/ul	0.00
81) Pyrene-d10	19.659	212	220179	23.656	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.412	264	198233	19.492	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.303	178	30638	3.716	ng/ul	99
80) Fluoranthene	19.324	202	77052	6.901	ng/ul	98
82) Pyrene	19.689	202	60219	5.196	ng/ul#	97
85) Benzo(a)anthracene	21.504	228	40354	3.226	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	6044	1.026	ng/ul#	95
87) Chrysene	21.569	228	44373	3.853	ng/ul	96
90) Benzo(b)fluoranthene	23.643	252	61282	4.866	ng/ul	98
91) Benzo(k)fluoranthene	23.702	252	20921m	1.636	ng/ul	
93) Benzo(a)pyrene	24.483	252	27453	2.295	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.143	276	23353m	1.615	ng/ul	

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

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