Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021012.D
Acq On : 17 Jul 2024 07:00
Operator : MA/JU
Sample : P3178-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 17 07:30:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BT6

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	220669	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	877190	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	581086	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.122	188	1254655	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1219774	20.000	ng/ul	0.00
88) Perylene-d12	24.845	264	1410824	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	17115	3.529	ng/uL	0.01
4) Pyridine-d5	3.681	84	28962	2.063	ng/ul	0.03
7) Phenol-d5	6.899	99	380289	21.138	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	229525	21.052	ng/ul	0.01
11) 2-Chlorophenol-d4	7.246	132	322114	21.731	ng/ul	0.01
15) 4-Methylphenol-d8	8.410	113	309971	20.745	ng/ul	0.02
21) Nitrobenzene-d5	8.851	128	153970	22.599	ng/ul	0.02
24) 2-Nitrophenol-d4	9.551	143	176361	22.616	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.098	165	316716	22.461	ng/ul	0.01
31) 4-Chloroaniline-d4	10.604	131	301521	16.141	ng/ul	0.02
46) Dimethylphthalate-d6	13.722	166	976791	23.124	ng/ul	0.01
49) Acenaphthylene-d8	13.992	160	1116574	23.541	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.581	143	131366m	21.857	ng/ul	0.01
60) Fluorene-d10	15.316	176	867442	25.031	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	120384	15.858	ng/ul	0.01
73) Anthracene-d10	17.216	188	1323164	23.744	ng/ul	0.00
81) Pyrene-d10	19.598	212	1216321	16.129	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.615	264	840407	12.078	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.157	178	103732	1.594	ng/ul	98
80) Fluoranthene	19.251	202	240037	2.636	ng/ul	100
82) Pyrene	19.627	202	153558	1.657	ng/ul	98
85) Benzo(a)anthracene	21.527	228	117445m	1.374	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.457	149	84077	1.513	ng/ul	99
87) Chrysene	21.598	228	128734	1.621	ng/ul	97
90) Benzo(b)fluoranthene	23.804	252	174583	2.039	ng/ul#	92

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

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