Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021097.D
Acq On : 23 Jul 2024 13:38
Operator : MA/JU
Sample : P3238-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 24 00:32:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CG8

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	7.669	152	193810	20.000	ng/ul	0.01
20) Naphthalene-d8	10.434	136	773065	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	511316	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	1118334	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	1137351	20.000	ng/ul	0.00
88) Perylene-d12	24.904	264	1369376	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	12132	2.849	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.881	99	270675	17.131	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	160067	16.716	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	224826	17.270	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	217204	16.551	ng/ul	0.01
21) Nitrobenzene-d5	8.828	128	109113	18.172	ng/ul	0.01
24) 2-Nitrophenol-d4	9.540	143	125353	18.240	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.087	165	226046	18.190	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	118579	7.203	ng/ul	0.02
46) Dimethylphthalate-d6	13.716	166	697525	18.766	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	779374	18.674	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	92228	17.439	ng/ul	0.02
60) Fluorene-d10	15.328	176	601375	19.721	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	101903	15.060	ng/ul	0.00
73) Anthracene-d10	17.234	188	891239	17.943	ng/ul	0.01
81) Pyrene-d10	19.616	212	1121170	15.945	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.674	264	953654	14.120	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.175	178	362711	6.252	ng/ul	100
74) Anthracene	17.263	178	68201	1.153	ng/ul	96
80) Fluoranthene	19.263	202	816290	9.613	ng/ul	100
82) Pyrene	19.645	202	601964	6.966	ng/ul	98
85) Benzo(a)anthracene	21.551	228	415248	5.212	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.475	149	134875	2.603	ng/ul	100
87) Chrysene	21.622	228	404477	5.464	ng/ul	98
90) Benzo(b)fluoranthene	23.851	252	577454	6.949	ng/ul	96
91) Benzo(k)fluoranthene	23.910	252	206575m	2.491	ng/ul	
93) Benzo(a)pyrene	24.739	252	246016	3.133	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.698	276	222973	2.203	ng/ul	94

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

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