Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021127.D
Acq On : 24 Jul 2024 14:17
Operator : MA/JU
Sample : P3238-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 25 00:06:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4C04DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	196000	20.000	ng/ul	0.00
20) Naphthalene-d8	10.428	136	768459	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.292	164	499119	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	1033838	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	800520	20.000	ng/ul	0.00
88) Perylene-d12	24.868	264	922293	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	3642	0.846	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.881	99	64065	4.009	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.005	67	41796	4.316	ng/ul	0.01
11) 2-Chlorophenol-d4	7.210	132	57824	4.392	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	54948	4.140	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	26557	4.449	ng/ul	0.01
24) 2-Nitrophenol-d4	9.522	143	29884	4.374	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	55795	4.517	ng/ul	0.01
31) 4-Chloroaniline-d4	10.593	131	31922	1.951	ng/ul	0.02
46) Dimethylphthalate-d6	13.692	166	179861	4.957	ng/ul	0.00
49) Acenaphthylene-d8	13.981	160	197565	4.849	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	15657m	3.033	ng/ul	0.03
60) Fluorene-d10	15.310	176	158844	5.336	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	10206	1.632	ng/ul	0.02
73) Anthracene-d10	17.210	188	246307	5.364	ng/ul	0.00
81) Pyrene-d10	19.598	212	260501	5.264	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.627	264	187529	4.123	ng/ul	-0.02
Target Compounds						Qvalue
52) Acenaphthene	14.351	153	43947	1.435	ng/ul	98
61) Fluorene	15.369	166	56550	1.653	ng/ul#	98
72) Phenanthrene	17.151	178	990056	18.460	ng/ul	99
74) Anthracene	17.245	178	184012	3.366	ng/ul	99
77) Carbazole	17.551	167	97491	2.181	ng/ul	100
80) Fluoranthene	19.245	202	1391555	23.283	ng/ul	99
82) Pyrene	19.627	202	1004363	16.514	ng/ul	100
85) Benzo(a)anthracene	21.533	228	525123	9.364	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	97605	2.677	ng/ul#	98
87) Chrysene	21.604	228	514938	9.882	ng/ul	98
90) Benzo(b)fluoranthene	23.821	252	596455	10.657	ng/ul	98
91) Benzo(k)fluoranthene	23.880	252	210060	3.761	ng/ul	96
93) Benzo(a)pyrene	24.710	252	258063	4.879	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.633	276	230549	3.383	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.668	278	85690m	1.518	ng/ul	

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

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