Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Dec 09 21:54:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:35:07 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DBXN8

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	676918	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	2939354	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1902912	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	4153004	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	3598458	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	3338815	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	62182	3.928	ng/uL	0.00
4) Pyridine-d5	3.781	84	666136	14.812	ng/ul	0.00
7) Phenol-d5	7.128	99	1357711	24.624	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	803450	24.156	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	1097604	25.288	ng/ul	-0.01
15) 4-Methylphenol-d8	8.681	113	1114224	24.663	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	536304	24.833	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	626736	25.778	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	1174479	24.870	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1356551	20.347	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	3579704	24.477	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	4057680	25.250	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	485163	18.442	ng/ul	0.00
60) Fluorene-d10	15.604	176	3122441	25.237	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	512569	19.179	ng/ul	0.00
73) Anthracene-d10	17.475	188	4851115	25.892	ng/ul	0.00
81) Pyrene-d10	19.704	212	5545138	26.846	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	4263013	25.616	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.840	128	1088944	7.084	ng/ul	99
36) 2-Methylnaphthalene	12.440	142	580413	5.504	ng/ul	100
50) Acenaphthylene	14.334	152	762444	4.413	ng/ul	100
52) Acenaphthene	14.675	153	648898	5.420	ng/ul	99
61) Fluorene	15.663	166	2493749	18.267	ng/ul	99
71) Pentachlorophenol	17.016	266	138792	4.280	ng/ul	98
72) Phenanthrene	17.416	178	9004807	41.628	ng/ul	99
74) Anthracene	17.504	178	21429778m	99.217	ng/ul	
80) Fluoranthene	19.375	202	12286091	52.408	ng/ul	98
82) Pyrene	19.733	202	10683168	44.177	ng/ul	99
85) Benzo(a)anthracene	21.445	228	4757038	19.914	ng/ul	94
87) Chrysene	21.498	228	9653136m	42.731	ng/ul	
90) Benzo(b)fluoranthene	23.198	252	15595151	73.248	ng/ul	97
91) Benzo(k)fluoranthene	23.239	252	4598248m	21.780	ng/ul	
93) Benzo(a)pyrene	23.845	252	6481954	34.965	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.557	276	3768198	16.318	ng/ul	97
95) Dibenzo(a,h)anthracene	26.562	278	999622	5.228	ng/ul#	86
96) Benzo(g,h,i)perylene	27.362	276	2531401	13.655	ng/ul	99

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

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