Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016643.D
Acq On : 18 Aug 2023 16:23
Operator : MA/JU
Sample : 03968-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 18 23:18:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A48H4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	317180	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1464514	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	910477	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	2043259	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1993187	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	2035856	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	50438	6.043	ng/uL	0.00
4) Pyridine-d5	3.840	84	19136m	0.754	ng/ul	0.01
7) Phenol-d5	7.187	99	739811	25.300	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	494949	25.699	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	567672	27.028	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	456598	19.638	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	293065	28.440	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	309834	31.657	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	585327	30.389	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	500104	15.133	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1947616	29.575	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	2224824	29.932	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	337988	25.194	ng/ul	0.00
60) Fluorene-d10	15.698	176	1700074	30.282	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	248847	25.600	ng/ul	0.00
73) Anthracene-d10	17.569	188	2654674	30.037	ng/ul	0.00
81) Pyrene-d10	19.804	212	3323651	31.824	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	3093562	31.707	ng/ul	0.01
Target Compounds						Qvalue
16) Acetophenone	8.899	105	190442	5.072	ng/ul	99
61) Fluorene	15.751	166	69782	1.064	ng/ul	99
72) Phenanthrene	17.510	178	1074345	9.980	ng/ul	99
74) Anthracene	17.604	178	234929	2.173	ng/ul	99
77) Carbazole	17.881	167	102880	1.032	ng/ul	99
80) Fluoranthene	19.469	202	1651621	13.250	ng/ul	99
82) Pyrene	19.833	202	1445862	10.985	ng/ul	97
85) Benzo(a)anthracene	21.551	228	738254	5.511	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	77466	1.007	ng/ul	99
87) Chrysene	21.604	228	755362	6.026	ng/ul	98
90) Benzo(b)fluoranthene	23.345	252	1018383	8.401	ng/ul#	94
91) Benzo(k)fluoranthene	23.398	252	290337m	2.414	ng/ul	
93) Benzo(a)pyrene	24.039	252	622720	5.446	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.892	276	382079	2.831	ng/ul	96
96) Benzo(g,h,i)perylene	27.757	276	361149	3.362	ng/ul	99

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

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