Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
Data File : BP015228.D
Acq On : 22 May 2023 22:53
Operator : CG/JU
Sample : 02664-11DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREL0DL

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

Quant Time: May 23 02:20:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 23 01:25:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	263520	20.000	ng/ul	0.00
20) Naphthalene-d8	10.952	136	1184848	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.757	164	737198	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	1495638	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	915371	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1027217	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	7063	1.041	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.269	99	128395	5.248	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	85612	6.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.646	132	109064	6.063	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	97919	5.022	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	56378	6.055	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	60216	5.813	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	113476	6.070	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.157	166	403373	7.241	ng/ul	0.00
49) Acenaphthylene-d8	14.451	160	450110	7.065	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.745	176	359438	7.647	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.610	188	512195	7.479	ng/ul	0.00
81) Pyrene-d10	19.828	212	487111	9.175	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	389067	7.630	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	7.258	77	6937	1.032	ng/ul	89
16) Acetophenone	8.952	105	111034	3.649	ng/ul	96
30) Naphthalene	10.999	128	80220	1.245	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.381	232	41075	2.883	ng/ul#	98
71) Pentachlorophenol	17.157	266	772927	67.874	ng/ul	100
72) Phenanthrene	17.551	178	420229	5.160	ng/ul	99
74) Anthracene	17.645	178	309797	3.762	ng/ul	98
77) Carbazole	17.910	167	99726	1.381	ng/ul#	96
80) Fluoranthene	19.504	202	660950	10.214	ng/ul	98
82) Pyrene	19.857	202	538615	8.060	ng/ul	98
85) Benzo(a)anthracene	21.569	228	228627m	3.612	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.469	149	840232	19.701	ng/ul	99
87) Chrysene	21.628	228	490672	8.110	ng/ul	96
90) Benzo(b)fluoranthene	23.357	252	947881	14.556	ng/ul	96
91) Benzo(k)fluoranthene	23.404	252	243692m	3.897	ng/ul	
93) Benzo(a)pyrene	24.027	252	185341	3.220	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	26.851	276	349574	4.690	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.863	278	88207	1.442	ng/ul#	89
96) Benzo(g,h,i)perylene	27.686	276	322489	5.306	ng/ul	99

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

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