Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016321.D
Acq On : 19 Jul 2023 13:05
Operator : MA/JU
Sample : 03458-25DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 15:04:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A46L5DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	95333m	20.000	ng/ul	0.01
20) Naphthalene-d8	10.787	136	444702	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.610	164	303721	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.369	188	716533	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	853123	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	1033777	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	3769m	1.399	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.222	99	35727	4.149	ng/ul	0.09
9) Bis-(2-Chloroethyl)eth...	7.316	67	31586m	5.425	ng/ul	0.04
11) 2-Chlorophenol-d4	7.534	132	40555m	6.524	ng/ul	0.06
15) 4-Methylphenol-d8	8.816	113	45905m	6.618	ng/ul	0.12
21) Nitrobenzene-d5	9.216	128	19913m	6.491	ng/ul	0.08
24) 2-Nitrophenol-d4	9.981	143	23587m	6.746	ng/ul	0.12
28) 2,4-Dichlorophenol-d3	10.604	165	42102m	6.953	ng/ul	0.18
31) 4-Chloroaniline-d4	11.263	131	5878m	0.606	ng/ul	0.32
46) Dimethylphthalate-d6	14.051	166	181479	7.833	ng/ul	0.04
49) Acenaphthylene-d8	14.310	160	165717	6.527	ng/ul	0.01
54) 4-Nitrophenol-d4	15.069	143	18258m	3.861	ng/ul	0.14
60) Fluorene-d10	15.622	176	159722	8.238	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.863	200	12733m	3.078	ng/ul	0.08
73) Anthracene-d10	17.481	188	246132	7.853	ng/ul	0.00
81) Pyrene-d10	19.704	212	177370	4.007	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	109915	2.214	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.893	105	39993m	3.496	ng/ul	
30) Naphthalene	10.846	128	32858	1.408	ng/ul	98
52) Acenaphthene	14.681	153	76041	3.855	ng/ul	100
56) Dibenzofuran	15.051	168	47892	1.783	ng/ul	95
61) Fluorene	15.687	166	76441	3.406	ng/ul	97
72) Phenanthrene	17.410	178	1115764	29.886	ng/ul	100
74) Anthracene	17.522	178	216200m	5.763	ng/ul	
77) Carbazole	17.822	167	53875	1.575	ng/ul	98
80) Fluoranthene	19.375	202	1895744	36.621	ng/ul	97
82) Pyrene	19.733	202	680142	12.306	ng/ul	96
85) Benzo(a)anthracene	21.445	228	845567	15.220	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.322	149	48821	1.371	ng/ul	100
87) Chrysene	21.498	228	734185	13.046	ng/ul	99
90) Benzo(b)fluoranthene	23.186	252	842456	14.267	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	355896	5.922	ng/ul	98
93) Benzo(a)pyrene	23.845	252	127327	2.177	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.604	276	133771	1.847	ng/ul	97
95) Dibenzo(a,h)anthracene	26.592	278	96106	1.627	ng/ul	96

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

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