Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
Data File : BP015594.D
Acq On : 16 Jun 2023 23:07
Operator : MA/JU
Sample : 03080-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH5

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 00:22:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	127321	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	565981	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	378171	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.480	188	859663	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	826729	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	906802	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	5645	1.642	ng/uL	0.00
4) Pyridine-d5	3.858	84	63463	7.106	ng/ul	0.01
7) Phenol-d5	7.240	99	120093	10.238	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	83255	11.885	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	101982	11.992	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	81781	8.495	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	50910	11.457	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	59804	11.785	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	100916	10.902	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	89966	6.771	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	376859	12.637	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	411699	12.626	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	33210m	6.219	ng/ul	0.03
60) Fluorene-d10	15.722	176	321316	12.777	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	43765	8.036	ng/ul	0.00
73) Anthracene-d10	17.580	188	483716	12.367	ng/ul	0.00
81) Pyrene-d10	19.804	212	636371	14.382	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	601302	13.216	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.528	178	113981	2.471	ng/ul	98
80) Fluoranthene	19.480	202	308175	5.718	ng/ul	100
82) Pyrene	19.833	202	258683	4.639	ng/ul	100
85) Benzo(a)anthracene	21.545	228	156077	2.701	ng/ul	98
87) Chrysene	21.604	228	181985	3.331	ng/ul	96
90) Benzo(b)fluoranthene	23.327	252	272086	4.648	ng/ul#	98
91) Benzo(k)fluoranthene	23.374	252	99692m	1.762	ng/ul	
93) Benzo(a)pyrene	23.992	252	165018	3.234	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.798	276	126956	1.922	ng/ul	98
96) Benzo(g,h,i)perylene	27.627	276	111386	2.046	ng/ul	98

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

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