Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015621.D
Acq On : 20 Jun 2023 14:47
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 22:41:32 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

Instrument :
BNA_P
ClientSampleId :
DCFH2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	90543	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	405294	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	269961	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	665337	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	693544	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	769670	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	5674	2.321	ng/uL	0.00
4) Pyridine-d5	3.852	84	64297	10.124	ng/ul	0.00
7) Phenol-d5	7.246	99	133498	16.004	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	84485	16.959	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	109348	18.081	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	101695	14.855	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	54674	17.183	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	62183	17.113	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	108360	16.347	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	97386	10.235	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	379906	17.846	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	436613	18.757	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	40952m	10.742	ng/ul	0.03
60) Fluorene-d10	15.722	176	335640	18.697	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	41066	9.743	ng/ul	0.00
73) Anthracene-d10	17.587	188	562284	18.574	ng/ul	0.00
81) Pyrene-d10	19.810	212	750351	20.214	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	722544	18.710	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.457	152	84985	3.297	ng/ul	98
72) Phenanthrene	17.528	178	426473	11.944	ng/ul	100
74) Anthracene	17.622	178	128571	3.549	ng/ul	98
80) Fluoranthene	19.486	202	1045420	23.121	ng/ul	98
82) Pyrene	19.839	202	933932	19.965	ng/ul	98
85) Benzo(a)anthracene	21.557	228	551682	11.379	ng/ul	98
87) Chrysene	21.610	228	558138m	12.179	ng/ul	
90) Benzo(b)fluoranthene	23.339	252	796533	16.033	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	288096m	5.999	ng/ul	
93) Benzo(a)pyrene	24.010	252	525147	12.124	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.821	276	393892	7.027	ng/ul	96
95) Dibenzo(a,h)anthracene	26.821	278	106331	2.328	ng/ul#	85
96) Benzo(g,h,i)perylene	27.657	276	364902	7.899	ng/ul	99

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

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