Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015676.D
Acq On : 23 Jun 2023 17:46
Operator : MA/JU
Sample : 03084-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 23 23:54:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCFN1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	172907	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	692841	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	376611	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	633169	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	565915	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	733438	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	12187	2.610	ng/uL	0.00
4) Pyridine-d5	3.875	84	11104m	0.916	ng/ul	0.04
7) Phenol-d5	7.246	99	206195	12.944	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	143142	15.047	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	177981	15.411	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	137132	10.489	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	85603	15.737	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	98785	15.903	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	153177	13.518	ng/ul	0.01
31) 4-Chloroaniline-d4	11.075	131	42988	2.643	ng/ul	0.02
46) Dimethylphthalate-d6	14.134	166	495518	16.685	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	543660	16.742	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	33618	6.321	ng/ul	0.03
60) Fluorene-d10	15.728	176	370348	14.788	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	40805	10.173	ng/ul	0.01
73) Anthracene-d10	17.592	188	462600	16.058	ng/ul	0.00
81) Pyrene-d10	19.822	212	518237	17.110	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	594753	16.161	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.957	128	168985	4.501	ng/ul	99
36) 2-Methylnaphthalene	12.569	142	34344	1.301	ng/ul	93
50) Acenaphthylene	14.457	152	203544	5.660	ng/ul	99
72) Phenanthrene	17.534	178	284091	8.361	ng/ul	100
74) Anthracene	17.628	178	118096	3.425	ng/ul	99
80) Fluoranthene	19.492	202	848749	23.005	ng/ul	99
82) Pyrene	19.845	202	705684	18.488	ng/ul	99
85) Benzo(a)anthracene	21.569	228	564191	14.261	ng/ul	97
87) Chrysene	21.622	228	564128	15.086	ng/ul	95
90) Benzo(b)fluoranthene	23.357	252	1037147	21.907	ng/ul	98
91) Benzo(k)fluoranthene	23.404	252	373879m	8.170	ng/ul	
93) Benzo(a)pyrene	24.027	252	678250	16.432	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.857	276	638979	11.962	ng/ul	95
95) Dibenzo(a,h)anthracene	26.857	278	171395	3.938	ng/ul#	79
96) Benzo(g,h,i)perylene	27.692	276	577795	13.125	ng/ul	97

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

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