Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015805.D
Acq On : 29 Jun 2023 11:49
Operator : MA/JU
Sample : 03143-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFU8

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 23:02:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	287866	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1252665	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	728554	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1398843	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	1001118	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	1180101	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	26219	3.277	ng/uL	0.00
4) Pyridine-d5	3.828	84	265098	13.144	ng/ul	0.00
7) Phenol-d5	7.234	99	513643	20.854	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	346914	22.766	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	408391	21.965	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	376567	19.353	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	197522	20.633	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	215788	19.313	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	363316	18.247	ng/ul	0.02
31) 4-Chloroaniline-d4	11.057	131	333036	13.021	ng/ul	0.02
46) Dimethylphthalate-d6	14.116	166	1237286	21.972	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1388450	21.934	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	125582m	16.899	ng/ul	0.04
60) Fluorene-d10	15.704	176	999566	21.558	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	116340	13.524	ng/ul	0.01
73) Anthracene-d10	17.569	188	1420050	22.224	ng/ul	0.00
81) Pyrene-d10	19.792	212	1402063	21.448	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1327793	22.305	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.510	178	514017	6.764	ng/ul	99
74) Anthracene	17.604	178	77085m	1.009	ng/ul	
80) Fluoranthene	19.469	202	1705014	20.987	ng/ul#	93
82) Pyrene	19.822	202	1344637	16.225	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	683881	9.711	ng/ul	97
87) Chrysene	21.592	228	836250	12.516	ng/ul	98
90) Benzo(b)fluoranthene	23.316	252	1290405	17.018	ng/ul#	95
91) Benzo(k)fluoranthene	23.363	252	409409	5.344	ng/ul#	93
93) Benzo(a)pyrene	23.986	252	796386	12.020	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.798	276	666215	7.407	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.798	278	173880	2.354	ng/ul#	73
96) Benzo(g,h,i)perylene	27.639	276	595692	8.050	ng/ul#	92

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

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