Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031216.D
Acq On : 25 Apr 2024 10:04
Operator : MA/JU
Sample : P2104-03DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5DL

Quant Time: Apr 25 11:28:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	250122	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	1073217	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	679514	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	1439364	20.000	ng/ul	0.00
79) Chrysene-d12	21.274	240	1203228	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1294750	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	1077	0.201	ng/uL	0.00
4) Pyridine-d5	3.581	84	10437m	0.677	ng/ul	0.03
7) Phenol-d5	6.810	99	26046	1.234	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	16117	1.313	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	22790	1.387	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	21990	1.239	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	10779	1.398	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	9899	1.235	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	21166	1.339	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	20822	0.843	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	69169	1.463	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	79567	1.485	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	6134m	0.622	ng/ul	0.03
60) Fluorene-d10	15.275	176	63884	1.552	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	712	0.098	ng/ul	0.00
73) Anthracene-d10	17.128	188	107564	1.724	ng/ul	0.00
81) Pyrene-d10	19.433	212	129255	2.186	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	105718	1.722	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.345	153	45811	1.104	ng/ul	95
56) Dibenzofuran	14.681	168	66102	1.152	ng/ul	98
61) Fluorene	15.334	166	74559	1.579	ng/ul	96
72) Phenanthrene	17.075	178	1698562	22.311	ng/ul	98
74) Anthracene	17.163	178	183523	2.382	ng/ul	98
77) Carbazole	17.439	167	188058	2.672	ng/ul	98
80) Fluoranthene	19.104	202	2847384	40.690	ng/ul	99
82) Pyrene	19.469	202	2263103	30.780	ng/ul	98
85) Benzo(a)anthracene	21.251	228	987030	12.080	ng/ul	97
87) Chrysene	21.310	228	1171014	15.099	ng/ul	98
90) Benzo(b)fluoranthene	23.263	252	1513879	20.781	ng/ul	97
91) Benzo(k)fluoranthene	23.315	252	436622	5.959	ng/ul	95
93) Benzo(a)pyrene	24.039	252	928836	12.781	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.427	276	695433	7.711	ng/ul	99
95) Dibenzo(a,h)anthracene	27.480	278	179355m	2.423	ng/ul	
96) Benzo(g,h,i)perylene	28.456	276	543181	7.479	ng/ul	100

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

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