Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031925.D
Acq On : 12 Jun 2024 00:54
Operator : MA/JU
Sample : P2659-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC37

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 12 01:27:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	309538	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1407044	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	933906	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1872739	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	1278606	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	1194052	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	37389	4.997	ng/uL	0.00
4) Pyridine-d5	3.581	84	418305	19.861	ng/ul	0.00
7) Phenol-d5	6.834	99	839602	31.640	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	498464	32.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	695736	34.361	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	642995	29.726	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	371286	34.512	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	411076	36.990	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	706167	34.037	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	829555	26.930	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	2219803	34.119	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	2541808	33.976	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	346491	26.598	ng/ul	0.00
60) Fluorene-d10	15.298	176	1854260	33.683	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	281570	29.912	ng/ul	0.00
73) Anthracene-d10	17.151	188	2825122	35.236	ng/ul	0.00
81) Pyrene-d10	19.451	212	2644560	38.651	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	1397651	24.513	ng/ul	0.00
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.110	142	54941	1.104	ng/ul	96
50) Acenaphthylene	14.028	152	200286	2.369	ng/ul	99
72) Phenanthrene	17.098	178	1568712	16.444	ng/ul	98
74) Anthracene	17.186	178	254871	2.637	ng/ul	99
77) Carbazole	17.463	167	129248	1.568	ng/ul	100
80) Fluoranthene	19.122	202	3280223	40.115	ng/ul	97
82) Pyrene	19.486	202	2391077	28.501	ng/ul	95
85) Benzo(a)anthracene	21.274	228	1300703	15.198	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	144778	2.506	ng/ul	100
87) Chrysene	21.333	228	1312307	16.416	ng/ul	95
90) Benzo(b)fluoranthene	23.298	252	1466067	20.541	ng/ul	97
91) Benzo(k)fluoranthene	23.345	252	511118	7.298	ng/ul	97
93) Benzo(a)pyrene	24.080	252	605572	9.059	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.503	276	536122	6.960	ng/ul	97
95) Dibenzo(a,h)anthracene	27.545	278	184220m	2.929	ng/ul	
96) Benzo(g,h,i)perylene	28.521	276	73611m	1.202	ng/ul	

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

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