Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031126.D
Acq On : 22 Apr 2024 17:36
Operator : MA/JU
Sample : P2037-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E1CY5

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 23 00:19:06 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	103598	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	474667	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	323680	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.027	188	723472	20.000	ng/ul	0.00
79) Chrysene-d12	21.262	240	856843	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1049153	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	10969	4.947	ng/uL	0.00
4) Pyridine-d5	3.552	84	103392	16.190	ng/ul	0.00
7) Phenol-d5	6.804	99	270283	30.928	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	160826	31.630	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	219278	32.226	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	230990	31.429	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	113236	33.203	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	105221	29.681	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	210076	30.049	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	300156	27.474	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	743471	33.008	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	859708	33.682	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	18293	3.891	ng/ul	0.00
60) Fluorene-d10	15.275	176	674707	34.410	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	7490	2.052	ng/ul	0.00
73) Anthracene-d10	17.127	188	1110781	35.423	ng/ul	0.00
81) Pyrene-d10	19.433	212	1545976	36.717	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1871769	37.622	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.834	94	33920	3.765	ng/ul	96
16) Acetophenone	8.451	105	55176	4.845	ng/ul	96
30) Naphthalene	10.463	128	226444	9.205	ng/ul	99
72) Phenanthrene	17.069	178	50777	1.327	ng/ul	99
80) Fluoranthene	19.092	202	78816	1.582	ng/ul	98
82) Pyrene	19.463	202	74176	1.417	ng/ul	100
85) Benzo(a)anthracene	21.245	228	63406	1.090	ng/ul	97
87) Chrysene	21.304	228	68331	1.237	ng/ul	98
90) Benzo(b)fluoranthene	23.245	252	130012	2.202	ng/ul#	93
93) Benzo(a)pyrene	24.027	252	106540	1.809	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	27.403	276	77952m	1.067	ng/ul	
96) Benzo(g,h,i)perylene	28.415	276	65637m	1.115	ng/ul	

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

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