Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020781.D
Acq On : 03 Jul 2024 23:01
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS4

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 23:45:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	175962	20.000	ng/ul	0.00
20) Naphthalene-d8	10.498	136	709765	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	462640	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	969557	20.000	ng/ul	0.01
79) Chrysene-d12	21.627	240	844149	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264	1017556	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	13701	3.344	ng/uL	0.00
4) Pyridine-d5	3.693	84	17689	1.481	ng/ul	0.01
7) Phenol-d5	6.922	99	283064	19.613	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	169467	18.522	ng/ul	0.00
11) 2-Chlorophenol-d4	7.275	132	241120	20.442	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	232410	19.828	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128	119201	22.748	ng/ul	0.00
24) 2-Nitrophenol-d4	9.598	143	131708	25.116	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	235852	21.834	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	113647	7.507	ng/ul	0.01
46) Dimethylphthalate-d6	13.769	166	763572	23.738	ng/ul	0.01
49) Acenaphthylene-d8	14.051	160	866516	22.575	ng/ul	0.01
54) 4-Nitrophenol-d4	14.604	143	90170	18.347	ng/ul	0.02
60) Fluorene-d10	15.375	176	653668	24.149	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	63778	13.053	ng/ul	0.01
73) Anthracene-d10	17.275	188	1015203	23.331	ng/ul	0.01
81) Pyrene-d10	19.663	212	1001136	19.741	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.762	264	759950	15.353	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.551	128	54788	1.442	ng/ul	99
50) Acenaphthylene	14.081	152	157633	3.636	ng/ul	99
56) Dibenzofuran	14.769	168	60968	1.573	ng/ul	98
61) Fluorene	15.433	166	74170	2.382	ng/ul	98
72) Phenanthrene	17.222	178	1302242	25.649	ng/ul	100
74) Anthracene	17.310	178	307383	5.886	ng/ul	99
77) Carbazole	17.592	167	46436	1.077	ng/ul	98
80) Fluoranthene	19.316	202	2083464	33.633	ng/ul	99
82) Pyrene	19.692	202	1649514	25.964	ng/ul	97
85) Benzo(a)anthracene	21.610	228	965468m	16.317	ng/ul	
87) Chrysene	21.686	228	972367	17.386	ng/ul	99
90) Benzo(b)fluoranthene	23.927	252	1219547	19.783	ng/ul	98
91) Benzo(k)fluoranthene	23.986	252	442305m	7.093	ng/ul	
93) Benzo(a)pyrene	24.821	252	564220	9.696	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.797	276	537041	7.195	ng/ul	97
95) Dibenzo(a,h)anthracene	28.874	278	176185m	2.872	ng/ul	
96) Benzo(g,h,i)perylene	29.962	276	87925m	1.443	ng/ul	

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

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