Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020858.D
Acq On : 09 Jul 2024 10:25
Operator : MA/JU
Sample : P3035-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 09 11:38:00 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

Instrument :
BNA_P
ClientSampleId :
A4CW2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

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07/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	204745	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.493	136	856314	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	568505	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	1236096	20.000	ng/ul	0.01
79) Chrysene-d12	21.621	240	1136816	20.000	ng/ul	0.00
88) Perylene-d12	24.968	264	1342614	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	24902	5.223	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.916	99	648395	38.611	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	386036	36.261	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.269	132	535837	39.042	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	493844	36.209	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	266444	42.145	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	308640	48.784	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	536475	41.165	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	203258	11.129	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1639510	41.478	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	1866057	39.563	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	248652	41.171	ng/ul	0.02
60) Fluorene-d10	15.375	176	1433216	43.089	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	238978	38.364	ng/ul	0.02
73) Anthracene-d10	17.280	188	2229834	40.194	ng/ul	0.02
81) Pyrene-d10	19.657	212	2363507	34.607	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.739	264	1851136	28.344	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.546	105	24624	1.131	ng/ul	94
50) Acenaphthylene	14.075	152	55186	1.036	ng/ul	97
72) Phenanthrene	17.216	178	604071	9.332	ng/ul	99
74) Anthracene	17.316	178	119063	1.788	ng/ul	98
77) Carbazole	17.604	167	72659	1.322	ng/ul	98
80) Fluoranthene	19.310	202	1625535	19.485	ng/ul	99
82) Pyrene	19.692	202	1165576	13.623	ng/ul	99
85) Benzo(a)anthracene	21.598	228	723101	9.075	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.527	149	282918	5.736	ng/ul	100
87) Chrysene	21.663	228	864902	11.484	ng/ul	99
90) Benzo(b)fluoranthene	23.909	252	1294838	15.919	ng/ul	98
91) Benzo(k)fluoranthene	23.974	252	417880m	5.079	ng/ul	
93) Benzo(a)pyrene	24.804	252	451970	5.886	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.774	276	476429	4.838	ng/ul	97
95) Dibenzo(a,h)anthracene	28.815	278	157467m	1.945	ng/ul	

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

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