Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020842.D
Acq On : 08 Jul 2024 22:18
Operator : MA/JU
Sample : P3035-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CB9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 08 23:08:41 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	7.728	152	123683	20.000	ng/ul	0.00
20) Naphthalene-d8	10.493	136	512961	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	344810	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.175	188	728498	20.000	ng/ul	0.01
79) Chrysene-d12	21.627	240	693096	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	793320	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	19700	6.840	ng/uL	0.00
4) Pyridine-d5	3.687	84	20911	2.491	ng/ul	0.00
7) Phenol-d5	6.916	99	396210	39.057	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	244706	38.051	ng/ul	0.00
11) 2-Chlorophenol-d4	7.269	132	336088	40.538	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	310250	37.656	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	160677	42.427	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	184789	48.758	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	321116	41.133	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	356911	32.623	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1016400	42.395	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1137390	39.759	ng/ul	0.01
54) 4-Nitrophenol-d4	14.610	143	136787	37.343	ng/ul	0.03
60) Fluorene-d10	15.375	176	866252	42.939	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	137920	37.568	ng/ul	0.01
73) Anthracene-d10	17.275	188	1334441	40.815	ng/ul	0.01
81) Pyrene-d10	19.663	212	1433834	34.435	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.739	264	1113089	28.844	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.216	178	226850	5.947	ng/ul	99
74) Anthracene	17.310	178	46863	1.194	ng/ul	98
80) Fluoranthene	19.310	202	466202	9.166	ng/ul	100
82) Pyrene	19.686	202	338234	6.484	ng/ul	99
85) Benzo(a)anthracene	21.604	228	217496	4.477	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.533	149	42370	1.409	ng/ul#	97
87) Chrysene	21.674	228	217325	4.733	ng/ul	99
90) Benzo(b)fluoranthene	23.909	252	278626	5.797	ng/ul	98
91) Benzo(k)fluoranthene	23.974	252	88685	1.824	ng/ul	95
93) Benzo(a)pyrene	24.809	252	110558	2.437	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.768	276	97491m	1.675	ng/ul	

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

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