Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021101.D
Acq On : 23 Jul 2024 16:28
Operator : MA/JU
Sample : P3238-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 24 00:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BF8

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	154737	20.000	ng/ul	0.00
20) Naphthalene-d8	10.428	136	615898	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.310	164	394758	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	881156	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	914327	20.000	ng/ul	0.00
88) Perylene-d12	24.904	264	1093041	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	8106	2.384	ng/uL	0.00
4) Pyridine-d5	3.628	84	13838	1.406	ng/ul	0.02
7) Phenol-d5	6.875	99	178780	14.172	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	102948	13.466	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	145358	13.985	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	117677	11.231	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	67926	14.199	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	81579	14.899	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	144916	14.637	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	145119	11.064	ng/ul	0.02
46) Dimethylphthalate-d6	13.722	166	465013	16.204	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	520372	16.149	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	67183m	16.455	ng/ul	0.02
60) Fluorene-d10	15.328	176	409592	17.398	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	50996	9.565	ng/ul	0.00
73) Anthracene-d10	17.234	188	591754	15.120	ng/ul	0.01
81) Pyrene-d10	19.622	212	752913	13.319	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.674	264	641553	11.901	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.175	178	77565	1.697	ng/ul	99
80) Fluoranthene	19.275	202	264213	3.870	ng/ul	98
82) Pyrene	19.651	202	190537	2.743	ng/ul#	95
85) Benzo(a)anthracene	21.557	228	117392	1.833	ng/ul	94
87) Chrysene	21.622	228	150083	2.522	ng/ul	99
90) Benzo(b)fluoranthene	23.851	252	222116	3.349	ng/ul#	94
91) Benzo(k)fluoranthene	23.921	252	73810	1.115	ng/ul#	87
93) Benzo(a)pyrene	24.745	252	79438	1.267	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.698	276	88198	1.092	ng/ul	98

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

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