Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020778.D
Acq On : 03 Jul 2024 20:54
Operator : MA/JU
Sample : P2964-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 03 23:06:56 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 :
A4B49

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	160151	20.000	ng/ul	0.00
20) Naphthalene-d8	10.505	136	654796	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.369	164	441052	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.175	188	920774	20.000	ng/ul	0.01
79) Chrysene-d12	21.633	240	851371	20.000	ng/ul	0.01
88) Perylene-d12	24.986	264	990586	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	12565	3.369	ng/uL	0.00
4) Pyridine-d5	3.699	84	10658m	0.981	ng/ul	0.02
7) Phenol-d5	6.922	99	226642	17.254	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	148167	17.793	ng/ul	0.00
11) 2-Chlorophenol-d4	7.275	132	204694	19.067	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	142395	13.348	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	98189	20.311	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	112586	23.272	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	196038	19.672	ng/ul	0.01
31) 4-Chloroaniline-d4	10.640	131	104166	7.459	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	636634	20.760	ng/ul	0.02
49) Acenaphthylene-d8	14.063	160	713485	19.498	ng/ul	0.02
54) 4-Nitrophenol-d4	14.598	143	70562	15.060	ng/ul	0.02
60) Fluorene-d10	15.375	176	563089	21.821	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	64076	13.809	ng/ul	0.01
73) Anthracene-d10	17.275	188	875890	21.195	ng/ul	0.01
81) Pyrene-d10	19.657	212	942493	18.427	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.745	264	712157	14.779	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.216	178	263493	5.465	ng/ul	98
80) Fluoranthene	19.310	202	608456	9.739	ng/ul	100
82) Pyrene	19.686	202	429477	6.703	ng/ul	99
85) Benzo(a)anthracene	21.616	228	252993	4.240	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.539	149	72118	1.952	ng/ul#	98
87) Chrysene	21.680	228	311836	5.528	ng/ul	96
90) Benzo(b)fluoranthene	23.922	252	425315	7.087	ng/ul	97
91) Benzo(k)fluoranthene	23.980	252	147053m	2.422	ng/ul	
93) Benzo(a)pyrene	24.810	252	140196	2.475	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.786	276	143148	1.970	ng/ul	96

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

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