Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020779.D
Acq On : 03 Jul 2024 21:36
Operator : MA/JU
Sample : P2964-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 03 23:10:07 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 :
A4B51

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	7.734	152	166446	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	674420	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	442783	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.169	188	925552	20.000	ng/ul	0.00
79) Chrysene-d12	21.610	240	843405	20.000	ng/ul	-0.01
88) Perylene-d12	24.963	264	993822	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	11258	2.904	ng/uL	0.00
4) Pyridine-d5	3.693	84	47832	4.234	ng/ul	0.01
7) Phenol-d5	6.922	99	215483	15.784	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	137504	15.888	ng/ul	0.00
11) 2-Chlorophenol-d4	7.281	132	190610	17.084	ng/ul	0.01
15) 4-Methylphenol-d8	8.446	113	125482	11.317	ng/ul	0.01
21) Nitrobenzene-d5	8.887	128	92519	18.581	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	105471	21.167	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	182392	17.770	ng/ul	0.00
31) 4-Chloroaniline-d4	10.652	131	128051	8.902	ng/ul	0.01
46) Dimethylphthalate-d6	13.769	166	589983	19.164	ng/ul	0.01
49) Acenaphthylene-d8	14.046	160	653534	17.790	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	72582	15.430	ng/ul	0.02
60) Fluorene-d10	15.375	176	513616	19.826	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	58789	12.604	ng/ul	0.01
73) Anthracene-d10	17.275	188	770891	18.558	ng/ul	0.01
81) Pyrene-d10	19.651	212	801080	15.810	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.727	264	601136	12.435	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.216	178	210434	4.342	ng/ul	99
80) Fluoranthene	19.304	202	491483	7.941	ng/ul	99
82) Pyrene	19.675	202	326251	5.140	ng/ul	100
85) Benzo(a)anthracene	21.592	228	221138	3.741	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.527	149	70846	1.936	ng/ul#	96
87) Chrysene	21.657	228	229404	4.105	ng/ul	98
90) Benzo(b)fluoranthene	23.904	252	301577	5.009	ng/ul#	95
91) Benzo(k)fluoranthene	23.963	252	110880	1.821	ng/ul#	94
93) Benzo(a)pyrene	24.804	252	109067	1.919	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.774	276	110889m	1.521	ng/ul	

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

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