Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022573.D
Acq On : 23 Oct 2024 21:37
Operator : RC/JU
Sample : P4415-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 24 01:48:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4F60

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	126435	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	490552	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.257	164	384917	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.057	188	932381	20.000	ng/ul	-0.02
79) Chrysene-d12	21.498	240	908909	20.000	ng/ul	0.00
88) Perylene-d12	24.750	264	1080636	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3247m	0.998	ng/uL	0.00
4) Pyridine-d5	3.628	84	5932m	0.664	ng/ul	0.02
7) Phenol-d5	6.851	99	57547	5.407	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	33557	5.365	ng/ul	0.00
11) 2-Chlorophenol-d4	7.204	132	43694	5.786	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	40027	4.713	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	20684	5.484	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	23674	5.421	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	49208	5.302	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	41702	3.803	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	177513	5.804	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	188881	5.815	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.522	143	14494	2.825	ng/ul	0.02
60) Fluorene-d10	15.269	176	162903	6.141	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	9309	1.518	ng/ul	0.00
73) Anthracene-d10	17.163	188	264748	6.036	ng/ul	0.00
81) Pyrene-d10	19.545	212	286041	5.951	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.527	264	221995	3.847	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.469	105	34071	2.430	ng/ul	89
72) Phenanthrene	17.104	178	402410	8.067	ng/ul	99
74) Anthracene	17.204	178	77760	1.562	ng/ul	99
80) Fluoranthene	19.204	202	645493	11.682	ng/ul	100
82) Pyrene	19.580	202	396487	6.695	ng/ul	100
85) Benzo(a)anthracene	21.474	228	255044	4.003	ng/ul	99
87) Chrysene	21.545	228	241548	4.088	ng/ul	97
90) Benzo(b)fluoranthene	23.733	252	304792	4.481	ng/ul	100
91) Benzo(k)fluoranthene	23.792	252	109849	1.649	ng/ul	94
93) Benzo(a)pyrene	24.598	252	103530	1.654	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.450	276	95194	1.139	ng/ul	94

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

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