Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023902.D
Acq On : 04 Feb 2025 06:46
Operator : RC/JU
Sample : Q1190-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 04 08:12:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A44S9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	548556	20.000	ng/ul	0.00
20) Naphthalene-d8	10.546	136	2345667	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	1391536	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.204	188	2654355	20.000	ng/ul	0.02
79) Chrysene-d12	21.639	240	2607073	20.000	ng/ul	0.00
88) Perylene-d12	25.010	264	2795194	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	27979	2.119	ng/uL	0.00
4) Pyridine-d5	3.717	84	93281	2.449	ng/ul	0.01
7) Phenol-d5	6.958	99	610294	12.572	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	333937	12.996	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	480433	12.603	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	391156	9.864	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	228794	12.191	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	223352	11.030	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	488287	13.144	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	134349	2.418	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	1477967	14.239	ng/ul	0.01
49) Acenaphthylene-d8	14.093	160	1573121	13.438	ng/ul	0.01
54) 4-Nitrophenol-d4	14.616	143	164047	7.958	ng/ul	0.00
60) Fluorene-d10	15.416	176	1165539	13.334	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.528	200	110413	6.743	ng/ul	0.02
73) Anthracene-d10	17.298	188	1667596	12.795	ng/ul	0.01
81) Pyrene-d10	19.669	212	1569316	11.234	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	921235	6.317	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.981	94	119948	2.406	ng/ul	97
16) Acetophenone	8.587	105	520503	8.586	ng/ul	97
50) Acenaphthylene	14.122	152	575130	4.613	ng/ul	100
72) Phenanthrene	17.245	178	2190877	14.616	ng/ul	100
74) Anthracene	17.339	178	418529	2.769	ng/ul	99
80) Fluoranthene	19.328	202	4133033	25.686	ng/ul	100
82) Pyrene	19.704	202	3590944	21.341	ng/ul	97
85) Benzo(a)anthracene	21.627	228	1998623m	11.658	ng/ul	
87) Chrysene	21.692	228	2450569	15.513	ng/ul	97
90) Benzo(b)fluoranthene	23.939	252	3168588	18.682	ng/ul	97
91) Benzo(k)fluoranthene	24.016	252	1041186	6.124	ng/ul	97
93) Benzo(a)pyrene	24.857	252	1236951	7.810	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.856	276	1235499	6.018	ng/ul	95
95) Dibenzo(a,h)anthracene	28.898	278	480260m	2.884	ng/ul	

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

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