Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023888.D
Acq On : 03 Feb 2025 20:37
Operator : RC/JU
Sample : Q1190-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 04 07:50:22 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 :
A44T1

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	455675	20.000	ng/ul	0.00
20) Naphthalene-d8	10.552	136	2013969	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.393	164	1274189	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	2506693	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	2502218	20.000	ng/ul	0.00
88) Perylene-d12	25.016	264	2636616	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	26887	2.452	ng/uL	0.00
4) Pyridine-d5	3.711	84	96328	3.044	ng/ul	0.00
7) Phenol-d5	6.958	99	531974	13.192	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	303386	14.213	ng/ul	0.00
11) 2-Chlorophenol-d4	7.317	132	434869	13.733	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	344718	10.464	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	212376	13.180	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	215457	12.392	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	410015	12.855	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	281909	5.910	ng/ul	0.00
46) Dimethylphthalate-d6	13.799	166	1276448	13.430	ng/ul	0.00
49) Acenaphthylene-d8	14.087	160	1426522	13.308	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	144431	7.652	ng/ul	0.00
60) Fluorene-d10	15.398	176	1080375	13.498	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	97031	6.274	ng/ul	0.00
73) Anthracene-d10	17.293	188	1569155	12.749	ng/ul	0.00
81) Pyrene-d10	19.663	212	1541909	11.501	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.774	264	955550	6.946	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.981	94	75364	1.820	ng/ul	94
16) Acetophenone	8.587	105	268921	5.340	ng/ul	99
50) Acenaphthylene	14.116	152	124188	1.088	ng/ul	99
72) Phenanthrene	17.234	178	1533731	10.834	ng/ul	99
74) Anthracene	17.328	178	479562	3.359	ng/ul	99
80) Fluoranthene	19.322	202	3738007	24.205	ng/ul	99
82) Pyrene	19.692	202	2676439	16.573	ng/ul	97
85) Benzo(a)anthracene	21.616	228	1767244	10.741	ng/ul	97
87) Chrysene	21.686	228	1513387	9.982	ng/ul	97
90) Benzo(b)fluoranthene	23.945	252	1698561	10.617	ng/ul	98
91) Benzo(k)fluoranthene	24.004	252	669146m	4.172	ng/ul	
93) Benzo(a)pyrene	24.845	252	732424	4.902	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.827	276	554465	2.863	ng/ul	96
95) Dibenzo(a,h)anthracene	28.915	278	218465m	1.391	ng/ul	

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

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