

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
 Data File : BP023844.D
 Acq On : 01 Feb 2025 04:16
 Operator : RC/JU
 Sample : Q1224-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A6306

Quant Time: Feb 03 08:05:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 11:40:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	409253	20.000	ng/u1	0.02
20) Naphthalene-d8	10.552	136	1727347	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.398	164	1123158	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	2250547	20.000	ng/u1	-0.02
79) Chrysene-d12	21.651	240	2291828	20.000	ng/u1	0.00
88) Perylene-d12	25.027	264	2475379	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	29715	3.017	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.964	99	683788	18.880	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.116	67	362914	18.931	ng/u1	0.02
11) 2-Chlorophenol-d4	7.322	132	557613	19.606	ng/u1	0.01
15) 4-Methylphenol-d8	8.487	113	283345	9.577	ng/u1	0.02
21) Nitrobenzene-d5	8.922	128	263658	19.078	ng/u1	0.01
24) 2-Nitrophenol-d4	9.640	143	279421	18.738	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.187	165	568439	20.779	ng/u1	0.01
31) 4-Chloroaniline-d4	10.687	131	368010	8.995	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	1805752	21.554	ng/u1	0.00
49) Acenaphthylene-d8	14.093	160	1935091	20.480	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	297539	17.884	ng/u1	0.00
60) Fluorene-d10	15.404	176	1423141	20.172	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	182894	13.173	ng/u1	-0.02
73) Anthracene-d10	17.298	188	2083946	18.859	ng/u1	-0.02
81) Pyrene-d10	19.675	212	2163749	17.620	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.804	264	1500829	11.620	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.239	178	371145	2.920	ng/u1	100
80) Fluoranthene	19.333	202	720821	5.096	ng/u1	99
82) Pyrene	19.704	202	558747	3.777	ng/u1	99
85) Benzo(a)anthracene	21.633	228	318047	2.110	ng/u1	99
87) Chrysene	21.692	228	338796	2.440	ng/u1	98
90) Benzo(b)fluoranthene	23.968	252	457290	3.045	ng/u1#	95
91) Benzo(k)fluoranthene	24.033	252	154458	1.026	ng/u1#	93
93) Benzo(a)pyrene	24.868	252	187864	1.339	ng/u1	95

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

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