

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023761.D
 Acq On : 28 Jan 2025 05:23
 Operator : RC/JU
 Sample : Q1174-23
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2954

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 28 05:53:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 27 21:53:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	709096	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	2859429	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	1812489	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	3465108	20.000	ng/u1	0.02
79) Chrysene-d12	21.692	240	3549590	20.000	ng/u1	0.02
88) Perylene-d12	25.098	264	3945213	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	82292	4.674	ng/uL	0.00
4) Pyridine-d5	3.716	84	354430	6.976	ng/u1	0.01
7) Phenol-d5	6.981	99	706209	11.770	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.128	67	1128096	33.286	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	1618481	35.482	ng/u1	0.01
15) 4-Methylphenol-d8	8.504	113	1242825	26.341	ng/u1	0.03
21) Nitrobenzene-d5	8.940	128	878703	40.787	ng/u1	0.01
24) 2-Nitrophenol-d4	9.657	143	942877	47.738	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.204	165	1684021	40.563	ng/u1	0.02
31) 4-Chloroaniline-d4	10.704	131	812047	12.231	ng/u1	0.01
46) Dimethylphthalate-d6	13.834	166	4945858	37.943	ng/u1	0.02
49) Acenaphthylene-d8	14.116	160	5789199	38.375	ng/u1	0.01
54) 4-Nitrophenol-d4	14.657	143	296682m	11.327	ng/u1	0.06
60) Fluorene-d10	15.439	176	4282195	38.378	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.545	200	738148	43.258	ng/u1	0.02
73) Anthracene-d10	17.339	188	6556169	39.410	ng/u1	0.02
81) Pyrene-d10	19.710	212	7525130	41.663	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.880	264	8083124	40.933	ng/u1	0.04
Target Compounds						
					Qvalue	
13) 2-Methylphenol	8.246	108	92821	2.037	ng/u1	98
18) 4-Methylphenol	8.569	108	1002311	19.786	ng/u1	89
26) 2,4-Dimethylphenol	9.793	107	5663714m	117.844	ng/u1	
30) Naphthalene	10.622	128	533301	3.466	ng/u1	98
36) 2-Methylnaphthalene	12.234	142	248907	2.395	ng/u1	99
37) 1-Methylnaphthalene	12.451	142	381851	3.676	ng/u1	98
77) Carbazole	17.651	167	252525	1.478	ng/u1#	92

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

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