

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023760.D
 Acq On : 28 Jan 2025 04:42
 Operator : RC/JU
 Sample : Q1174-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2953

Manual Integrations
 APPROVED

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

Quant Time: Jan 28 05:06:11 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	707010	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	2946382	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	1859023	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	3451464	20.000	ng/u1	0.00
79) Chrysene-d12	21.674	240	3559298	20.000	ng/u1	0.00
88) Perylene-d12	25.086	264	3910249	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	82199	4.683	ng/uL	0.00
4) Pyridine-d5	3.717	84	534222	10.546	ng/u1	0.01
7) Phenol-d5	6.975	99	758622	12.681	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	1209925	35.806	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	1729544	38.028	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	1280619	27.222	ng/u1	0.02
21) Nitrobenzene-d5	8.940	128	917393	41.326	ng/u1	0.01
24) 2-Nitrophenol-d4	9.652	143	967562	47.542	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	1725719	40.341	ng/u1	0.02
31) 4-Chloroaniline-d4	10.704	131	1054464	15.413	ng/u1	0.01
46) Dimethylphthalate-d6	13.828	166	4871418	36.436	ng/u1	0.01
49) Acenaphthylene-d8	14.110	160	5891915	38.078	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	315061m	11.728	ng/u1	0.06
60) Fluorene-d10	15.428	176	4360671	38.103	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	703491	41.390	ng/u1	0.02
73) Anthracene-d10	17.316	188	6596725	39.811	ng/u1	0.00
81) Pyrene-d10	19.698	212	7404443	40.883	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.863	264	7941859	40.578	ng/u1	0.02
Target Compounds					Qvalue	
13) 2-Methylphenol	8.240	108	67483	1.486	ng/u1	99
18) 4-Methylphenol	8.569	108	726492	14.384	ng/u1	89
26) 2,4-Dimethylphenol	9.787	107	4443176m	89.720	ng/u1	
30) Naphthalene	10.616	128	383713	2.420	ng/u1	99
36) 2-Methylnaphthalene	12.228	142	115444	1.078	ng/u1	100
37) 1-Methylnaphthalene	12.451	142	265537	2.481	ng/u1	98
77) Carbazole	17.633	167	182340	1.072	ng/u1#	88

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

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