

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023776.D
 Acq On : 28 Jan 2025 17:02
 Operator : RC/JU
 Sample : Q1189-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44Q5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 29 08:41:53 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	7.787	152	521230	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	2353403	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	1526551	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	2949734	20.000	ng/u1	0.00
79) Chrysene-d12	21.669	240	2899393	20.000	ng/u1	0.00
88) Perylene-d12	25.063	264	3258057	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	26136	2.020	ng/uL	0.00
4) Pyridine-d5	3.717	84	139456	3.734	ng/u1	0.01
7) Phenol-d5	6.975	99	586031	13.287	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.122	67	307762	12.354	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	470943	14.046	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	439649	12.677	ng/u1	0.02
21) Nitrobenzene-d5	8.934	128	219584	12.384	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	229923	14.144	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	474650	13.891	ng/u1	0.02
31) 4-Chloroaniline-d4	10.704	131	254705	4.661	ng/u1	0.01
46) Dimethylphthalate-d6	13.822	166	1479106	13.473	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	1394932	10.978	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	197661	8.960	ng/u1	0.05
60) Fluorene-d10	15.422	176	1022340	10.879	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	107040	7.369	ng/u1	0.00
73) Anthracene-d10	17.316	188	1545256	10.912	ng/u1	0.00
81) Pyrene-d10	19.686	212	1438829	9.753	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.827	264	946117	5.802	ng/u1	-0.02
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.934	77	29088	1.312	ng/u1	99
8) Phenol	7.005	94	127976	2.773	ng/u1	97
16) Acetophenone	8.599	105	535541	9.615	ng/u1	99
30) Naphthalene	10.616	128	169595	1.339	ng/u1	99
50) Acenaphthylene	14.140	152	604954	4.391	ng/u1	99
52) Acenaphthene	14.481	153	224323	2.303	ng/u1	100
56) Dibenzofuran	14.822	168	244559	1.825	ng/u1	100
61) Fluorene	15.481	166	316406	2.834	ng/u1	98
71) Pentachlorophenol	16.863	266	107157	4.616	ng/u1	97
72) Phenanthrene	17.263	178	10591020	63.550	ng/u1	99
74) Anthracene	17.351	178	1121108	6.772	ng/u1	100
77) Carbazole	17.628	167	1087012	7.476	ng/u1	100
80) Fluoranthene	19.339	202	15875735m	94.638	ng/u1	
82) Pyrene	19.716	202	12802595	70.268	ng/u1	96
85) Benzo(a)anthracene	21.645	228	6620876	36.020	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.586	149	313519	3.200	ng/u1	99
87) Chrysene	21.716	228	9162539	53.245	ng/u1	97
90) Benzo(b)fluoranthene	23.998	252	11570197	59.780	ng/u1	98
91) Benzo(k)fluoranthene	24.063	252	4790191	24.008	ng/u1	98
93) Benzo(a)pyrene	24.910	252	4190157	23.002	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.945	276	4260160	18.816	ng/u1	98
95) Dibenzo(a,h)anthracene	29.015	278	1384705m	7.529	ng/u1	
96) Benzo(g,h,i)perylene	30.121	276	497082m	2.854	ng/u1	

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

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