

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049534.D
 Acq On : 30 Jan 2025 19:50
 Operator : RC/JU
 Sample : Q1189-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44Q5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 07:52:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	217185	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	823624	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	554043	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	1175112	20.000	ng/u1	0.00
79) Chrysene-d12	21.145	240	1223607	20.000	ng/u1	0.01
88) Perylene-d12	23.933	264	1318567	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	10970	1.871	ng/uL	-0.01
4) Pyridine-d5	3.510	84	59650	3.464	ng/u1	0.00
7) Phenol-d5	6.728	99	219017	12.427	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.857	67	135298	11.227	ng/u1	0.00
11) 2-Chlorophenol-d4	7.057	132	178385	13.080	ng/u1	0.00
15) 4-Methylphenol-d8	8.240	113	152188	11.786	ng/u1	0.01
21) Nitrobenzene-d5	8.657	128	80161	12.722	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	91574	13.324	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	180406	12.863	ng/u1	0.02
31) 4-Chloroaniline-d4	10.428	131	68845m	3.827	ng/u1	0.00
46) Dimethylphthalate-d6	13.574	166	538504	13.256	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	521325	10.922	ng/u1	0.00
54) 4-Nitrophenol-d4	14.433	143	74906	11.241	ng/u1	0.05
60) Fluorene-d10	15.151	176	386127	10.809	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	45364	6.126	ng/u1	0.01
73) Anthracene-d10	17.010	188	624387	10.640	ng/u1	0.00
81) Pyrene-d10	19.315	212	643064	8.990	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.738	264	388372	5.522	ng/u1	0.01
Target Compounds						
						Qvalue
6) Benzaldehyde	6.669	77	12099	1.250	ng/u1	87
8) Phenol	6.757	94	51081m	2.761	ng/u1	
16) Acetophenone	8.328	105	194190	9.044	ng/u1	96
30) Naphthalene	10.322	128	57949	1.321	ng/u1	99
50) Acenaphthylene	13.874	152	259876	5.300	ng/u1	100
52) Acenaphthene	14.216	153	78395	2.239	ng/u1	99
56) Dibenzofuran	14.557	168	88413	1.771	ng/u1	100
61) Fluorene	15.210	166	117880	2.922	ng/u1#	98
71) Pentachlorophenol	16.574	266	50252	5.151	ng/u1	97
72) Phenanthrene	16.951	178	4282390	64.739	ng/u1	100
74) Anthracene	17.039	178	495373	7.435	ng/u1	100
77) Carbazole	17.321	167	441423	7.413	ng/u1	99
80) Fluoranthene	18.986	202	8847605	108.295	ng/u1	98
82) Pyrene	19.351	202	6169098	70.178	ng/u1	98
85) Benzo(a)anthracene	21.127	228	2976955	34.634	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.074	149	146635	3.371	ng/u1#	100
87) Chrysene	21.186	228	3906831	48.943	ng/u1	98
90) Benzo(b)fluoranthene	23.068	252	5106626	59.749	ng/u1	99
91) Benzo(k)fluoranthene	23.115	252	1663278	19.259	ng/u1	98
93) Benzo(a)pyrene	23.797	252	1738708	21.686	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.027	276	1760206	17.713	ng/u1	99
95) Dibenzo(a,h)anthracene	27.062	278	583517	7.246	ng/u1	93
96) Benzo(g,h,i)perylene	27.985	276	220234	2.915	ng/u1	96

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

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