

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046027.D
 Acq On : 13 Jun 2024 17:16
 Operator : MA/JU
 Sample : P2648-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC44

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 14 01:28:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	129571	20.000	ng/u1	0.00
20) Naphthalene-d8	10.198	136	519339	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	313279	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	625366	20.000	ng/u1	0.00
79) Chrysene-d12	21.044	240	589790	20.000	ng/u1	0.00
88) Perylene-d12	23.750	264	675999	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	13324m	3.987	ng/uL	0.00
4) Pyridine-d5	3.487	84	32770	3.808	ng/u1	0.04
7) Phenol-d5	6.692	99	286725	26.048	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67	209634	26.522	ng/u1	0.00
11) 2-Chlorophenol-d4	6.998	132	233392	28.386	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	214947	25.847	ng/u1	0.00
21) Nitrobenzene-d5	8.598	128	114558	28.213	ng/u1	0.00
24) 2-Nitrophenol-d4	9.310	143	123839	30.134	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	217886	28.273	ng/u1	0.00
31) 4-Chloroaniline-d4	10.392	131	139388	13.069	ng/u1	0.00
46) Dimethylphthalate-d6	13.527	166	616770	28.438	ng/u1	0.00
49) Acenaphthylene-d8	13.768	160	725228	28.796	ng/u1	0.00
54) 4-Nitrophenol-d4	14.392	143	83623	17.866	ng/u1	0.01
60) Fluorene-d10	15.080	176	520553	28.134	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.233	200	50949	15.954	ng/u1	0.01
73) Anthracene-d10	16.927	188	784020	28.839	ng/u1	0.00
81) Pyrene-d10	19.227	212	824549	22.481	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	644912	20.412	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.286	105	14010	1.011	ng/u1#	87
30) Naphthalene	10.251	128	36506	1.318	ng/u1	100
50) Acenaphthylene	13.804	152	148901	5.108	ng/u1	98
52) Acenaphthene	14.145	153	37823	1.945	ng/u1	98
56) Dibenzofuran	14.486	168	27853	1.062	ng/u1	99
61) Fluorene	15.139	166	44734	2.117	ng/u1#	96
72) Phenanthrene	16.868	178	1106114	33.568	ng/u1	100
74) Anthracene	16.962	178	258688	7.860	ng/u1	99
77) Carbazole	17.251	167	97697	3.479	ng/u1	98
78) Di-n-butylphthalate	17.815	149	101936	2.760	ng/u1	97
80) Fluoranthene	18.892	202	2699655	60.714	ng/u1	99
82) Pyrene	19.256	202	2028759	44.408	ng/u1	100
83) Butylbenzylphthalate	20.186	149	97063	5.213	ng/u1	95
85) Benzo(a)anthracene	21.027	228	1236354	30.360	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	20.974	149	413911	14.963	ng/u1	100
87) Chrysene	21.086	228	1291681	34.287	ng/u1	97
90) Benzo(b)fluoranthene	22.909	252	1777531	42.787	ng/u1	98
91) Benzo(k)fluoranthene	22.956	252	597496	14.725	ng/u1	95
93) Benzo(a)pyrene	23.627	252	716747	19.634	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.744	276	675802	16.952	ng/u1	99
95) Dibenzo(a,h)anthracene	26.768	278	223464	7.087	ng/u1#	90
96) Benzo(g,h,i)perylene	27.662	276	107130m	3.051	ng/u1	

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

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