

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018929.D
 Acq On : 19 Dec 2023 03:47
 Operator : MA/JU
 Sample : 05794-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH3Q1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 04:16:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	195037	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	684396	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	404748	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	958218	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	922483	20.000	ng/u1	# 0.01
88) Perylene-d12	23.692	264	1131097	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	11247	1.965	ng/uL	0.00
4) Pyridine-d5	3.693	84	18651m	1.217	ng/u1	0.02
7) Phenol-d5	7.016	99	233706	11.940	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.169	67	122101	10.525	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	182519	11.951	ng/u1	0.00
15) 4-Methylphenol-d8	8.558	113	148645	9.384	ng/u1	0.01
21) Nitrobenzene-d5	8.993	128	87451	14.357	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	93983	14.882	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	205603	15.922	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	93383	5.533	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	615044	17.026	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	727182	18.281	ng/u1	0.00
54) 4-Nitrophenol-d4	14.693	143	81720	13.782	ng/u1	0.02
60) Fluorene-d10	15.457	176	583050	19.228	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	19198	3.341	ng/u1	0.01
73) Anthracene-d10	17.316	188	985064	19.555	ng/u1	0.00
81) Pyrene-d10	19.557	212	1228683	17.111	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	1265189	19.184	ng/u1	0.02
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.981	77	13377	1.324	ng/u1	92
8) Phenol	7.046	94	64101	3.340	ng/u1	98
16) Acetophenone	8.663	105	357621	15.149	ng/u1	98
30) Naphthalene	10.675	128	105262	2.535	ng/u1	98
36) 2-Methylnaphthalene	12.293	142	57939	1.970	ng/u1	98
37) 1-Methylnaphthalene	12.510	142	65125	2.192	ng/u1	99
50) Acenaphthylene	14.187	152	315181	7.047	ng/u1	99
52) Acenaphthene	14.528	153	187419	6.338	ng/u1	98
56) Dibenzofuran	14.863	168	168241	4.094	ng/u1	97
61) Fluorene	15.516	166	249823	7.682	ng/u1	96
72) Phenanthrene	17.263	178	4305797	74.402	ng/u1	100
74) Anthracene	17.351	178	1154621	19.904	ng/u1	99
77) Carbazole	17.628	167	370146	8.006	ng/u1	99
80) Fluoranthene	19.239	202	6910520m	81.415	ng/u1	
82) Pyrene	19.592	202	6514027	76.073	ng/u1#	91
85) Benzo(a)anthracene	21.298	228	3766749	50.306	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	50905	1.181	ng/u1#	94
87) Chrysene	21.351	228	3476293	50.415	ng/u1	96
90) Benzo(b)fluoranthene	22.974	252	5106997	61.237	ng/u1	97
91) Benzo(k)fluoranthene	23.010	252	1470427m	18.223	ng/u1	
93) Benzo(a)pyrene	23.592	252	3638642m	47.750	ng/u1	
94) Indeno(1,2,3-cd)pyrene	26.174	276	2723093	29.909	ng/u1#	92
95) Dibenzo(a,h)anthracene	26.174	278	706902	9.334	ng/u1#	77
96) Benzo(g,h,i)perylene	26.933	276	1665014	22.724	ng/u1#	95

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

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