

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018921.D
 Acq On : 18 Dec 2023 23:16
 Operator : MA/JU
 Sample : 05794-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH3Q5

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 00:07:54 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	7.828	152	224014	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	821348	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	462178	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	932143	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	948593	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	1205952	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	11898	1.810	ng/uL	0.00
4) Pyridine-d5	3.687	84	21289	1.209	ng/u1	0.01
7) Phenol-d5	7.005	99	217560	9.678	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	131294	9.854	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	180032	10.263	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	155925	8.571	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	84960	11.622	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	89614	11.824	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	174900	11.286	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	124536	6.149	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	496972	12.048	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	577938	12.724	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	47722	7.048	ng/u1	0.01
60) Fluorene-d10	15.457	176	429031	12.391	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	25950	4.643	ng/u1	0.00
73) Anthracene-d10	17.316	188	649876	13.262	ng/u1	0.00
81) Pyrene-d10	19.557	212	814459	11.030	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.527	264	900606	12.808	ng/u1	0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.975	77	14514	1.250	ng/u1	89
8) Phenol	7.034	94	35312	1.602	ng/u1	99
16) Acetophenone	8.657	105	190944	7.042	ng/u1	97
30) Naphthalene	10.675	128	65749	1.320	ng/u1	99
50) Acenaphthylene	14.187	152	102073	1.999	ng/u1	99
52) Acenaphthene	14.528	153	121416	3.596	ng/u1	99
56) Dibenzofuran	14.863	168	82761	1.764	ng/u1	100
61) Fluorene	15.510	166	121241	3.265	ng/u1	98
72) Phenanthrene	17.257	178	2171717	38.576	ng/u1	100
74) Anthracene	17.351	178	573858	10.169	ng/u1	99
77) Carbazole	17.622	167	219063	4.871	ng/u1	98
80) Fluoranthene	19.233	202	4356484m	49.912	ng/u1	
82) Pyrene	19.586	202	3908448	44.388	ng/u1#	93
85) Benzo(a)anthracene	21.292	228	2521789	32.752	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	78528	1.772	ng/u1#	93
87) Chrysene	21.345	228	2317308	32.682	ng/u1	97
90) Benzo(b)fluoranthene	22.963	252	3299316	37.106	ng/u1	98
91) Benzo(k)fluoranthene	23.004	252	1074122m	12.485	ng/u1	
93) Benzo(a)pyrene	23.474	252	1555082	19.141	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.145	276	1720730	17.726	ng/u1#	93
95) Dibenzo(a,h)anthracene	26.157	278	466151	5.773	ng/u1#	90
96) Benzo(g,h,i)perylene	26.904	276	1050982	13.453	ng/u1	96

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

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