

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018905.D
 Acq On : 18 Dec 2023 14:10
 Operator : MA/JU
 Sample : 05794-03 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRF9

Manual Integrations
 APPROVED

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

Quant Time: Dec 18 23:14:43 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

12/19/2023
 Supervised By :mohammad
 ahmed

12/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	240186	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	818912	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	466857	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	1064515	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.310	240	1109667	20.000	ng/u1	# 0.00
88) Perylene-d12	23.680	264	1394163	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	3596	0.510	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.999	99	50705	2.104	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	31987	2.239	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	45121	2.399	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	32591	1.671	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	19033	2.611	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	19542	2.586	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	38506	2.492	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	18183	0.900	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	115640	2.775	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	131045	2.856	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	11683	1.708	ng/u1	0.01
60) Fluorene-d10	15.457	176	106199	3.036	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	4327	0.678	ng/u1	0.00
73) Anthracene-d10	17.310	188	173917	3.108	ng/u1	0.00
81) Pyrene-d10	19.551	212	225276	2.608	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	237900	2.927	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.028	94	24798	1.049	ng/u1	96
16) Acetophenone	8.652	105	138024	4.748	ng/u1	97
30) Naphthalene	10.669	128	98721	1.987	ng/u1	99
36) 2-Methylnaphthalene	12.287	142	50959	1.448	ng/u1	96
50) Acenaphthylene	14.181	152	90316	1.751	ng/u1	99
52) Acenaphthene	14.522	153	176898	5.186	ng/u1	98
56) Dibenzofuran	14.857	168	256281	5.406	ng/u1	98
61) Fluorene	15.510	166	310048	8.266	ng/u1	99
72) Phenanthrene	17.257	178	2033238	31.625	ng/u1	100
74) Anthracene	17.345	178	569907	8.843	ng/u1	100
77) Carbazole	17.622	167	231520	4.508	ng/u1	99
80) Fluoranthene	19.227	202	1983302	19.424	ng/u1	95
82) Pyrene	19.580	202	1737301	16.866	ng/u1	94
85) Benzo(a)anthracene	21.292	228	875591	9.721	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	55515	1.071	ng/u1#	87
87) Chrysene	21.345	228	805784	9.715	ng/u1	98
90) Benzo(b)fluoranthene	22.957	252	1097740	10.679	ng/u1	95
91) Benzo(k)fluoranthene	22.998	252	397556m	3.997	ng/u1	
93) Benzo(a)pyrene	23.574	252	828047	8.816	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.133	276	580227	5.170	ng/u1	97
95) Dibenzo(a,h)anthracene	26.145	278	160449	1.719	ng/u1#	84
96) Benzo(g,h,i)perylene	26.898	276	372695	4.127	ng/u1	94

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

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