

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020772.D
 Acq On : 03 Jul 2024 15:56
 Operator : MA/JU
 Sample : P2963-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CR7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 16:50:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	211626	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	871629	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	573327	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1151468	20.000	ng/u1	0.00
79) Chrysene-d12	21.622	240	1040225	20.000	ng/u1	0.00
88) Perylene-d12	24.957	264	1257490	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	19459	3.948	ng/uL	0.00
4) Pyridine-d5	3.699	84	18309m	1.275	ng/u1	0.02
7) Phenol-d5	6.928	99	548499	31.601	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.087	67	320912	29.164	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	455844	32.134	ng/u1	0.01
15) 4-Methylphenol-d8	8.446	113	461307	32.723	ng/u1	0.01
21) Nitrobenzene-d5	8.887	128	229772	35.705	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	264337	41.047	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	462414	34.859	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	170837	9.190	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1428196	35.828	ng/u1	0.01
49) Acenaphthylene-d8	14.045	160	1604700	33.736	ng/u1	0.00
54) 4-Nitrophenol-d4	14.593	143	224070	36.789	ng/u1	0.01
60) Fluorene-d10	15.369	176	1214658	36.211	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	159680	27.518	ng/u1	0.00
73) Anthracene-d10	17.275	188	1907432	36.910	ng/u1	0.01
81) Pyrene-d10	19.651	212	1873107	29.973	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.733	264	1513558	24.744	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.558	105	49204	2.186	ng/u1	97
30) Naphthalene	10.546	128	101636	2.179	ng/u1	98
36) 2-Methylnaphthalene	12.157	142	68593	2.195	ng/u1	99
37) 1-Methylnaphthalene	12.387	142	66467	2.081	ng/u1	99
50) Acenaphthylene	14.075	152	92352	1.719	ng/u1#	97
52) Acenaphthene	14.422	153	162174	4.550	ng/u1	99
56) Dibenzofuran	14.763	168	142569	2.968	ng/u1	99
61) Fluorene	15.428	166	207685	5.382	ng/u1	99
72) Phenanthrene	17.216	178	3184659	52.816	ng/u1	100
74) Anthracene	17.304	178	620137	9.998	ng/u1	99
77) Carbazole	17.581	167	153056	2.990	ng/u1	96
80) Fluoranthene	19.304	202	3173988	41.580	ng/u1	98
82) Pyrene	19.686	202	2727808	34.844	ng/u1	97
85) Benzo(a)anthracene	21.598	228	1545716	21.200	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.527	149	66084	1.464	ng/u1#	97
87) Chrysene	21.669	228	1555187	22.566	ng/u1	98
90) Benzo(b)fluoranthene	23.904	252	1640189m	21.530	ng/u1	
91) Benzo(k)fluoranthene	23.968	252	523305	6.791	ng/u1	96
93) Benzo(a)pyrene	24.810	252	698168	9.708	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.762	276	570471	6.185	ng/u1	96
95) Dibenzo(a,h)anthracene	28.839	278	232826m	3.071	ng/u1	
96) Benzo(g,h,i)perylene	29.939	276	86503m	1.149	ng/u1	

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

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