

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015976.D
 Acq On : 04 Jul 2023 15:08
 Operator : MA/JU
 Sample : 03244-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGE4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 04 22:58:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	384780	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	1690774	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	1046902	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	2173072	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1411660	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	1605262	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	46054	4.306	ng/uL	0.00
4) Pyridine-d5	3.817	84	466587	17.307	ng/ul	0.00
7) Phenol-d5	7.228	99	938690	28.512	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	645802	31.706	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	755134	30.385	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	752442	28.931	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	399301	30.902	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	441346	29.265	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	724574	26.962	ng/ul	0.01
31) 4-Chloroaniline-d4	11.040	131	628135	18.195	ng/ul	0.01
46) Dimethylphthalate-d6	14.098	166	2417357	29.874	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	2791840	30.692	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	243369	22.791	ng/ul	0.04
60) Fluorene-d10	15.687	176	2045738	30.704	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	237516	17.773	ng/ul	0.00
73) Anthracene-d10	17.557	188	2954926	29.769	ng/ul	0.00
81) Pyrene-d10	19.786	212	2990011	32.437	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	2500338	30.877	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.916	128	334580	3.640	ng/ul	100
36) 2-Methylnaphthalene	12.540	142	66549	1.100	ng/ul	98
50) Acenaphthylene	14.416	152	694356	6.928	ng/ul	100
61) Fluorene	15.745	166	136075	1.739	ng/ul	98
72) Phenanthrene	17.498	178	2477589	20.987	ng/ul	99
74) Anthracene	17.592	178	644978	5.437	ng/ul	100
80) Fluoranthene	19.457	202	6038207m	52.708	ng/ul	
82) Pyrene	19.810	202	4675476	40.009	ng/ul#	92
85) Benzo(a)anthracene	21.527	228	3019460	30.406	ng/ul	97
87) Chrysene	21.586	228	2845160	30.199	ng/ul	97
90) Benzo(b)fluoranthene	23.304	252	4340162	42.078	ng/ul#	96
91) Benzo(k)fluoranthene	23.351	252	1344396m	12.900	ng/ul	
93) Benzo(a)pyrene	23.974	252	2767642	30.708	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	2261233	18.482	ng/ul	97
95) Dibenzo(a,h)anthracene	26.786	278	599700	5.967	ng/ul#	79
96) Benzo(g,h,i)perylene	27.633	276	2046076	20.328	ng/ul	97

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

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