

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014985.D
 Acq On : 05 May 2023 15:56
 Operator : CG/JU
 Sample : 02479-10 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW951

Quant Time: May 05 23:22:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	370848	20.000	ng/ul	0.00
20) Naphthalene-d8	11.004	136	1653043	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	1019614	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.569	188	2036709	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1212533	20.000	ng/ul	0.00
88) Perylene-d12	24.257	264	1211691	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	3077	0.309	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.316	99	65729	2.044	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	43632	2.196	ng/ul	0.00
11) 2-Chlorophenol-d4	7.693	132	50769	2.147	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	52342	2.113	ng/ul	0.00
21) Nitrobenzene-d5	9.346	128	26458	2.250	ng/ul	0.00
24) 2-Nitrophenol-d4	10.075	143	26874	2.226	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	50508	2.131	ng/ul	0.00
31) 4-Chloroaniline-d4	11.140	131	24270	0.708	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	176223	2.442	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	207425	2.397	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	7624m	0.607	ng/ul	0.00
60) Fluorene-d10	15.804	176	154939	2.496	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	7696	0.671	ng/ul	0.00
73) Anthracene-d10	17.663	188	230034	2.514	ng/ul	0.00
81) Pyrene-d10	19.880	212	226944	2.775	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	145568	2.466	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.293	77	18307	2.083	ng/ul#	81
72) Phenanthrene	17.610	178	646641	5.747	ng/ul	100
74) Anthracene	17.698	178	145876	1.302	ng/ul	97
78) Di-n-butylphthalate	18.492	149	179688	1.705	ng/ul	96
80) Fluoranthene	19.557	202	1284351	12.799	ng/ul	100
82) Pyrene	19.916	202	1251740	11.774	ng/ul	96
83) Butylbenzylphthalate	20.763	149	332414	10.414	ng/ul	98
85) Benzo(a)anthracene	21.633	228	443033	5.474	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.527	149	1600930	39.860	ng/ul#	99
87) Chrysene	21.686	228	465733	5.715	ng/ul	97
90) Benzo(b)fluoranthene	23.451	252	667482	8.524	ng/ul#	91
91) Benzo(k)fluoranthene	23.498	252	212399m	2.665	ng/ul	
93) Benzo(a)pyrene	24.139	252	541762	7.888	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	27.015	276	501352	5.985	ng/ul	95
95) Dibenzo(a,h)anthracene	27.021	278	94706	1.379	ng/ul#	80
96) Benzo(g,h,i)perylene	27.874	276	813906	11.415	ng/ul	99

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

