

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061481.D
 Acq On : 5 Jun 2024 9:20
 Operator : MA/JU
 Sample : P2577-15DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHP8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 10:55:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	39041	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	149586	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.511	164	111134	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	258215	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.526	240	285472	20.000	ng/ul	0.01
88) Perylene-d12	24.616	264	336161	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	1325	1.899	ng/uL	0.00
4) Pyridine-d5	3.741	84	10305	4.152	ng/ul	0.00
7) Phenol-d5	7.066	99	36432	11.363	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	21963	10.899	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	29706	12.520	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	28920	10.579	ng/ul	0.00
21) Nitrobenzene-d5	9.035	128	15053	13.070	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	17606	13.062	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	36941	14.058	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	13001	3.782	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	109188	12.668	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	120181	13.412	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	9658	9.063	ng/ul	0.03
60) Fluorene-d10	15.509	176	96013	12.902	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	12636	8.091	ng/ul	0.01
73) Anthracene-d10	17.360	188	154801	13.598	ng/ul	0.00
81) Pyrene-d10	19.657	212	195203	13.317	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.405	264	213711	13.224	ng/ul	0.02
Target Compounds					Qvalue	
6) Benzaldehyde	7.019	77	1958	1.168	ng/ul#	73
16) Acetophenone	8.700	105	9666	2.072	ng/ul	92
52) Acenaphthene	14.575	153	8211	1.260	ng/ul	95
61) Fluorene	15.562	166	8761	1.086	ng/ul	95
72) Phenanthrene	17.307	178	251257	20.048	ng/ul	99
74) Anthracene	17.395	178	38291	2.955	ng/ul	96
77) Carbazole	17.672	167	28786	2.731	ng/ul	95
78) Di-n-butylphthalate	18.224	149	80450	6.092	ng/ul	97
80) Fluoranthene	19.328	202	872205	49.603	ng/ul	98
82) Pyrene	19.687	202	782788	42.888	ng/ul	99
83) Butylbenzylphthalate	20.574	149	9483	1.512	ng/ul	92
85) Benzo(a)anthracene	21.502	228	500700	25.419	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	45506	4.903	ng/ul#	96
87) Chrysene	21.567	228	529123	29.173	ng/ul	98
90) Benzo(b)fluoranthene	23.647	252	744045	37.175	ng/ul	98
91) Benzo(k)fluoranthene	23.700	252	275449m	13.557	ng/ul	
93) Benzo(a)pyrene	24.475	252	501556	26.390	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.136	276	357145	15.539	ng/ul	99
95) Dibenzo(a,h)anthracene	28.171	278	96645m	5.100	ng/ul	
96) Benzo(g,h,i)perylene	29.240	276	142935m	7.817	ng/ul	

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

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