

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
 Data File : BG059192.D
 Acq On : 26 Sep 2023 10:56
 Operator : MA/JU
 Sample : PB155787BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK787

Quant Time: Sep 26 22:32:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 22:33:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng/ul	-8.31
20) Naphthalene-d8	11.144	136	490	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.916	164	717	20.000	ng/ul	#-0.02
64) Phenanthrene-d10	17.678	188	1683	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.002	240	914	20.000	ng/ul	# 0.00
88) Perylene-d12	25.533	264	1132	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.612	96	5742	0.000	ng/uL	-0.01
4) Pyridine-d5	4.041	84	90204	0.000	ng/ul	-0.02
7) Phenol-d5	7.419	99	113316	0.000	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.613	67	71688	0.000	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.813	132	80121	0.000	ng/ul	-0.01
15) 4-Methylphenol-d8	8.988	113	85305	0.000	ng/ul	-0.01
21) Nitrobenzene-d5	9.493	128	42867	11337.213	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.210	143	47432	12417.957	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.739	165	80304	11074.127	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.285	131	133607	11804.881	ng/ul	-0.01
46) Dimethylphthalate-d6	14.317	166	364246	6605.505	ng/ul	-0.01
49) Acenaphthylene-d8	14.628	160	376955	5614.255	ng/ul	0.00
54) 4-Nitrophenol-d4	15.116	143	21749	2161.801	ng/ul	0.00
60) Fluorene-d10	15.909	176	301502	5973.272	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.015	200	44996	4702.617	ng/ul	-0.02
73) Anthracene-d10	17.772	188	477369	6233.796	ng/ul	-0.01
81) Pyrene-d10	20.045	212	553638	10363.289	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.298	264	419514	7589.632	ng/ul	-0.02
Target Compounds						
					Qvalue	
22) Nitrobenzene	9.534	77	106	12.380	ng/ul#	34
23) Isophorone	10.040	82	82	4.466	ng/ul#	68
29) 2,4-Dichlorophenol	10.756	162	132	18.007	ng/ul#	1
30) Naphthalene	11.279	128	103	3.928	ng/ul#	1
34) Caprolactam	12.037	113	169	62.954	ng/ul#	1
47) Dimethylphthalate	14.317	163	336	5.966	ng/ul#	1
48) 2,6-Dinitrotoluene	14.329	165	588	56.496	ng/ul#	27
61) Fluorene	15.891	166	870	15.795	ng/ul#	38
63) 4-Nitroaniline	16.009	138	226	21.230	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	16.015	198	274	26.568	ng/ul#	1
67) N-Nitrosodiphenylamine	16.032	169	153	3.415	ng/ul#	1
69) Hexachlorobenzene	17.049	284	67	3.572	ng/ul#	43
70) Atrazine	17.119	200	54	3.029	ng/ul#	36
71) Pentachlorophenol	17.166	266	144	11.820	ng/ul#	16
74) Anthracene	17.777	178	186	1.933	ng/ul#	61
78) Di-n-butylphthalate	18.582	149	217	2.202	ng/ul#	78
83) Butylbenzylphthalate	20.933	149	138	5.502	ng/ul#	1
84) 3,3'-Dichlorobenzidine	21.896	252	120	5.433	ng/ul#	78
85) Benzo(a)anthracene	21.973	228	244	3.677	ng/ul#	52
86) Bis(2-ethylhexyl)phtha...	21.808	149	168	4.477	ng/ul#	50
87) Chrysene	22.031	228	122	1.971	ng/ul#	50
89) Di-n-octyl phthalate	23.112	149	416	6.011	ng/ul	100
90) Benzo(b)fluoranthene	24.376	252	227	3.291	ng/ul#	50
91) Benzo(k)fluoranthene	24.464	252	459	6.418	ng/ul#	61

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(a)pyrene	25.374	252	265	3.997	ng/ul#	3
94) Indeno(1,2,3-cd)pyrene	29.658	276	175	2.321	ng/ul#	1
95) Dibenzo(a,h)anthracene	29.728	278	302	4.984	ng/ul#	45
96) Benzo(g,h,i)perylene	30.968	276	83	1.367	ng/ul#	53

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

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