

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
 Data File : BG059182.D
 Acq On : 25 Sep 2023 13:47
 Operator : MA/JU
 Sample : 04429-01DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBKJ4DL

Quant Time: Sep 25 22:37:10 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	8.317	152	23114	20.000	ng/ul	# 0.01
20) Naphthalene-d8	11.161	136	110818	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.939	164	69362	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.694	188	147566	20.000	ng/ul	0.01
79) Chrysene-d12	22.019	240	127314	20.000	ng/ul	0.01
88) Perylene-d12	25.585	264	85059	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.623	96	1940	3.285	ng/uL	0.00
4) Pyridine-d5	4.063	84	19968	11.526	ng/ul	0.00
7) Phenol-d5	7.442	99	25636	11.280	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.630	67	56318	40.379	ng/ul	0.00
11) 2-Chlorophenol-d4	7.835	132	55242	32.937	ng/ul	0.01
15) 4-Methylphenol-d8	9.011	113	39709	21.938	ng/ul	0.01
21) Nitrobenzene-d5	9.516	128	33592	39.283	ng/ul	0.01
24) 2-Nitrophenol-d4	10.233	143	36354	42.084	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.773	165	68204	41.588	ng/ul	0.02
31) 4-Chloroaniline-d4	11.308	131	37779	14.759	ng/ul	0.01
46) Dimethylphthalate-d6	14.340	166	208729	39.128	ng/ul	0.01
49) Acenaphthylene-d8	14.645	160	257832	39.695	ng/ul	0.01
54) 4-Nitrophenol-d4	15.121	143	313	0.322	ng/ul	0.00
60) Fluorene-d10	15.932	176	195259	39.988	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	16.038	200	44195	52.679	ng/ul	0.00
73) Anthracene-d10	17.794	188	282900	42.134	ng/ul	0.01
81) Pyrene-d10	20.068	212	344760	46.330	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.333	264	297770	71.694	ng/ul	0.02
Target Compounds						
					Qvalue	
5) Pyridine	4.093	79	2523	1.429	ng/ul#	1
12) 2-Chlorophenol	7.871	128	5096	2.978	ng/ul#	82
13) 2-Methylphenol	8.752	108	36793	21.223	ng/ul	81
16) Acetophenone	9.152	105	6244	2.241	ng/ul#	64
18) 4-Methylphenol	9.081	108	26251	14.130	ng/ul	86
19) Hexachloroethane	9.398	117	1487	2.210	ng/ul#	4
22) Nitrobenzene	9.563	77	2194	1.133	ng/ul#	52
23) Isophorone	10.068	82	7552	1.819	ng/ul#	88
25) 2-Nitrophenol	10.356	139	1258	1.303	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.562	93	13414	5.192	ng/ul#	1
29) 2,4-Dichlorophenol	10.803	162	4569	2.756	ng/ul#	86
30) Naphthalene	11.214	128	29678	5.005	ng/ul#	95
34) Caprolactam	12.113	113	719	1.184	ng/ul#	1
35) 4-Chloro-3-methylphenol	12.454	107	41188	23.587	ng/ul#	20
36) 2-Methylnaphthalene	12.794	142	14844	3.748	ng/ul	87
37) 1-Methylnaphthalene	13.006	142	11463	2.865	ng/ul#	88
39) 1,2,4,5-Tetrachloroben...	13.129	216	4407	2.167	ng/ul#	60
42) 2,4,5-Trichlorophenol	13.458	196	4793	3.337	ng/ul#	97
43) 1,1'-Biphenyl	13.781	154	45831	8.278	ng/ul#	90
45) 2-Nitroaniline	14.034	65	2565	1.914	ng/ul#	26
47) Dimethylphthalate	14.392	163	79697	14.627	ng/ul#	93
51) 3-Nitroaniline	14.862	138	1443	1.299	ng/ul#	31
55) 4-Nitrophenol	15.139	109	1073	1.668	ng/ul#	39
58) 2,3,4,6-Tetrachlorophenol	15.521	232	13619	10.244	ng/ul#	86

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59) Diethylphthalate	15.732	149	475194	88.509	ng/ul	99
66) 4,6-Dinitro-2-methylph...	16.055	198	41961	46.404	ng/ul#	84
67) N-Nitrosodiphenylamine	16.190	169	4623	1.177	ng/ul#	69
71) Pentachlorophenol	17.318	266	32133	30.082	ng/ul	97
78) Di-n-butylphthalate	18.605	149	38519	4.457	ng/ul#	92

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

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