

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
 Data File : BG059183.D
 Acq On : 25 Sep 2023 14:27
 Operator : MA/JU
 Sample : 04429-10DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBHJ4DL

Quant Time: Sep 25 22:37:26 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	8.318	152	21851	20.000	ng/ul	# 0.01
20) Naphthalene-d8	11.161	136	117604	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.945	164	60853	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.695	188	139726	20.000	ng/ul	0.01
79) Chrysene-d12	22.019	240	114102	20.000	ng/ul	0.01
88) Perylene-d12	25.586	264	132957	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.629	96	1156	2.071	ng/uL	0.00
4) Pyridine-d5	4.064	84	25482	15.559	ng/ul	0.00
7) Phenol-d5	7.442	99	8944	4.163	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.636	67	27231	20.653	ng/ul	0.01
11) 2-Chlorophenol-d4	7.836	132	17466	11.016	ng/ul	0.01
15) 4-Methylphenol-d8	9.011	113	14205	8.301	ng/ul	0.01
21) Nitrobenzene-d5	9.516	128	14009	15.437	ng/ul	0.01
24) 2-Nitrophenol-d4	10.233	143	12525	13.663	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.762	165	21605	12.414	ng/ul	0.01
31) 4-Chloroaniline-d4	11.308	131	35750	13.161	ng/ul	0.01
46) Dimethylphthalate-d6	14.334	166	79763	17.043	ng/ul	0.00
49) Acenaphthylene-d8	14.646	160	96939	17.011	ng/ul	0.01
54) 4-Nitrophenol-d4	15.127	143	540	0.632	ng/ul	0.00
60) Fluorene-d10	15.932	176	73264	17.102	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	16.038	200	7362	9.268	ng/ul	0.00
73) Anthracene-d10	17.695	188	140400	22.084	ng/ul	-0.09
81) Pyrene-d10	20.063	212	134210	20.124	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.339	264	110445	17.012	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.664	88	13697	21.699	ng/uL#	82
5) Pyridine	4.087	79	13762	8.247	ng/ul#	80
6) Benzaldehyde	7.495	77	10634	9.545	ng/ul#	1
8) Phenol	7.472	94	95725	43.346	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.730	93	9610	5.420	ng/ul#	90
12) 2-Chlorophenol	7.871	128	1648	1.019	ng/ul#	75
13) 2-Methylphenol	8.747	108	40288	24.582	ng/ul	92
16) Acetophenone	9.158	105	58790	22.316	ng/ul	97
18) 4-Methylphenol	9.076	108	267314	152.200	ng/ul	99
19) Hexachloroethane	9.422	117	21787	34.255	ng/ul#	5
23) Isophorone	10.063	82	6149	1.395	ng/ul#	66
26) 2,4-Dimethylphenol	10.298	107	75001	39.156	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.562	93	24217	8.833	ng/ul#	1
29) 2,4-Dichlorophenol	10.797	162	13271	7.543	ng/ul#	81
30) Naphthalene	11.214	128	320644	50.952	ng/ul	98
32) 4-Chloroaniline	11.332	127	3759	1.406	ng/ul	99
34) Caprolactam	12.149	113	3033	4.707	ng/ul#	1
35) 4-Chloro-3-methylphenol	12.413	107	2885	1.557	ng/ul#	54
36) 2-Methylnaphthalene	12.795	142	254922	60.652	ng/ul	97
37) 1-Methylnaphthalene	13.012	142	301041	70.904	ng/ul#	95
42) 2,4,5-Trichlorophenol	13.453	196	7430	5.896	ng/ul	92
43) 1,1'-Biphenyl	13.782	154	63120	12.995	ng/ul#	95
52) Acenaphthene	15.010	153	19351	4.688	ng/ul#	77
55) 4-Nitrophenol	15.145	109	1859	3.294	ng/ul#	26

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

57) 2,4-Dinitrotoluene	15.321	165	4006	3.146	ng/ul#	18
59) Diethylphthalate	15.727	149	30619	6.501	ng/ul	100
61) Fluorene	15.985	166	37881	8.103	ng/ul#	85
67) N-Nitrosodiphenylamine	16.167	169	20351	5.471	ng/ul#	45
71) Pentachlorophenol	17.319	266	8161	8.069	ng/ul#	86
72) Phenanthrene	17.736	178	100955	12.911	ng/ul	95
74) Anthracene	17.736	178	100955	12.636	ng/ul	96
77) Carbazole	18.112	167	33983	5.116	ng/ul	96
82) Pyrene	20.092	202	14743	1.701	ng/ul#	1

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

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