

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072623\
 Data File : BG058482.D
 Acq On : 26 Jul 2023 17:09
 Operator : MA/JU
 Sample : PB154055BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS055

Quant Time: Jul 27 02:16:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 26 17:43:09 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	-7.82
20) Naphthalene-d8	10.754	136	112	20.000	ng/ul	# 0.13
38) Acenaphthene-d10	14.656	164	147	20.000	ng/ul	# 0.19
64) Phenanthrene-d10	17.306	188	682752	20.000	ng/ul	0.09
79) Chrysene-d12	21.454	240	2484	20.000	ng/ul	# 0.00
88) Perylene-d12	24.509	264	252	20.000	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9657	0.000	ng/uL	0.00
4) Pyridine-d5	3.651	84	148658	0.000	ng/ul	0.00
7) Phenol-d5	6.988	99	215834	0.000	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.147	67	128357	0.000	ng/ul	0.00
11) 2-Chlorophenol-d4	7.353	132	151828	0.000	ng/ul	0.00
15) 4-Methylphenol-d8	8.533	113	163865	0.000	ng/ul	0.00
21) Nitrobenzene-d5	8.980	128	79757	95004.896	ng/ul	0.00
24) 2-Nitrophenol-d4	9.703	143	91620	99967.285	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.243	165	172168	97994.325	ng/ul	0.00
31) 4-Chloroaniline-d4	10.754	131	216797	85119.637	ng/ul	0.00
46) Dimethylphthalate-d6	13.874	166	389033	34319.692	ng/ul	0.00
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.885	143	220	128.511	ng/ul	0.20
60) Fluorene-d10	15.543	176	384	40.917	ng/ul	0.09
65) 4,6-Dinitro-2-methylph...	15.584	200	73965	21.263	ng/ul	0.00
73) Anthracene-d10	17.306	188	682752	23.143	ng/ul	0.00
81) Pyrene-d10	19.597	212	722647	4925.565	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.309	264	747426	61365.337	ng/ul	0.00
Target Compounds						
					Qvalue	
22) Nitrobenzene	9.021	77	188505	84200.660	ng/ul	95
23) Isophorone	9.544	82	399657	79624.836	ng/ul	99
25) 2-Nitrophenol	9.732	139	87502	89382.961	ng/ul	97
26) 2,4-Dimethylphenol	9.797	107	173432	79453.292	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.026	93	225133	84692.825	ng/ul	98
29) 2,4-Dichlorophenol	10.267	162	153207	91876.321	ng/ul	95
30) Naphthalene	10.666	128	511616	85460.928	ng/ul	99
32) 4-Chloroaniline	10.784	127	164739	63284.785	ng/ul	97
33) Hexachlorobutadiene	10.948	225	108582	91062.429	ng/ul	98
34) Caprolactam	11.718	113	128	184.812	ng/ul	93
35) 4-Chloro-3-methylphenol	11.918	107	193043	90965.047	ng/ul	97
36) 2-Methylnaphthalene	12.499	142	351795	87711.311	ng/ul	98
37) 1-Methylnaphthalene	12.499	142	344858	83893.353	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.652	216	205486	48288.650	ng/ul	99
40) Hexachlorocyclopentadiene	12.629	237	67219	29369.916	ng/ul	99
41) 2,4,6-Trichlorophenol	13.087	196	218	75.677	ng/ul	95
42) 2,4,5-Trichlorophenol	13.157	196	173	56.319	ng/ul#	84
43) 1,1'-Biphenyl	13.293	154	404331	40676.767	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	293401	37124.250	ng/ul	98
45) 2-Nitroaniline	13.551	65	113734	41429.737	ng/ul	94
47) Dimethylphthalate	13.921	163	379097	33295.091	ng/ul	99
50) Acenaphthylene	14.526	152	200510	15636.927	ng/ul#	1
51) 3-Nitroaniline	14.591	138	1303	710.621	ng/ul#	1
52) Acenaphthene	14.785	153	2080	233.633	ng/ul#	63

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2,4-Dinitrophenol	14.785	184	2182	1863.401	ng/ul#	57
55) 4-Nitrophenol	14.985	109	324	245.749	ng/ul	95
56) Dibenzofuran	15.091	168	31288	2468.146	ng/ul#	42
57) 2,4-Dinitrotoluene	14.973	165	138	43.486	ng/ul#	10
58) 2,3,4,6-Tetrachlorophenol	15.290	232	189	66.595	ng/ul#	1
59) Diethylphthalate	15.508	149	3723	317.396	ng/ul#	1
61) Fluorene	15.719	166	24099	2318.154	ng/ul#	1
62) 4-Chlorophenyl-phenyle...	15.555	204	128	23.193	ng/ul#	70
63) 4-Nitroaniline	15.766	138	205	123.558	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.602	198	69787	19.500	ng/ul	97
67) N-Nitrosodiphenylamine	15.719	169	402695	23.794	ng/ul	99
68) 4-Bromophenyl-phenylether	16.395	248	180151	24.911	ng/ul	95
69) Hexachlorobenzene	16.512	284	198038	24.269	ng/ul	98
70) Atrazine	16.665	200	51137	7.707	ng/ul	94
72) Phenanthrene	17.341	178	688821	21.230	ng/ul	98
74) Anthracene	17.341	178	686715	21.082	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	224437	26.207	ng/uL	98
76) Pentachlorobenzene	14.785	250	533002	56.914	ng/uL	98
77) Carbazole	17.611	167	594692	21.062	ng/ul	99
78) Di-n-butylphthalate	18.169	149	771800	21.511	ng/ul	100
80) Fluoranthene	19.262	202	767187	4564.546	ng/ul	99
82) Pyrene	19.626	202	759008	4456.866	ng/ul	99
83) Butylbenzylphthalate	20.514	149	325929	4860.298	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.348	252	256576	4627.149	ng/ul	97
85) Benzo(a)anthracene	21.430	228	784936	4701.290	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.336	149	462127	4845.000	ng/ul	98
87) Chrysene	21.495	228	745822	4709.434	ng/ul	99
89) Di-n-octyl phthalate	22.488	149	826239	61621.848	ng/ul	100
90) Benzo(b)fluoranthene	23.545	252	798179	54743.042	ng/ul	100
91) Benzo(k)fluoranthene	23.610	252	812152	55849.370	ng/ul	98
93) Benzo(a)pyrene	24.374	252	719376	55471.774	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.017	276	800980	46878.336	ng/ul	99
95) Dibenzo(a,h)anthracene	28.069	278	645730	46087.047	ng/ul	98
96) Benzo(g,h,i)perylene	29.098	276	558412	40112.818	ng/ul	99

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

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