

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054168.D
 Acq On : 30 Jun 2022 14:05
 Operator : CG/JU
 Sample : PB145828BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145828BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: Jul 01 04:04:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							07/01/2022
1) 1,4-Dichlorobenzene-d4	8.067	152	18300	20.000	ng	0.00	Supervised By :Jagrut padhyay
21) Naphthalene-d8	10.875	136	75331	20.000	ng	0.00	
39) Acenaphthene-d10	14.694	164	61749	20.000	ng	0.00	
64) Phenanthrene-d10	17.438	188	170475	20.000	ng	# 0.00	
76) Chrysene-d12	21.710	240	197147	20.000	ng	0.00	
86) Perylene-d12	24.965	264	198131	20.000	ng	0.00	07/01/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	118369	123.667	ng	0.00	
7) Phenol-d6	7.232	99	162504	125.152	ng	0.00	
23) Nitrobenzene-d5	9.224	82	102359	76.359	ng	0.00	
42) 2,4,6-Tribromophenol	16.181	330	133427	134.488	ng	0.00	
45) 2-Fluorobiphenyl	13.314	172	308117	72.559	ng	0.00	
79) Terphenyl-d14	20.041	244	780636	79.751	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.513	88	10680	25.525	ng	# 88	
3) Pyridine	3.913	79	28989	25.963	ng	94	
4) n-Nitrosodimethylamine	3.825	42	21551	43.880	ng	# 84	
6) Aniline	7.385	93	55096	35.789	ng	99	
8) 2-Chlorophenol	7.632	128	47174	46.159	ng	93	
9) Benzaldehyde	7.197	77	8834m	11.528	ng		
10) Phenol	7.256	94	59038	44.865	ng	97	
11) bis(2-Chloroethyl)ether	7.479	93	41080	40.672	ng	92	
12) 1,3-Dichlorobenzene	7.955	146	50391	39.349	ng	93	
13) 1,4-Dichlorobenzene	8.102	146	51471	40.012	ng	97	
14) 1,2-Dichlorobenzene	8.419	146	49496	40.081	ng	98	
15) Benzyl Alcohol	8.302	79	45167	46.542	ng	96	
16) 2,2'-oxybis(1-Chloropr...	8.596	45	58947	39.040	ng	97	
17) 2-Methylphenol	8.507	107	41630	45.540	ng	92	
18) Hexachloroethane	9.154	117	17348	40.652	ng	# 70	
19) n-Nitroso-di-n-propyla...	8.866	70	35872	41.122	ng	95	
20) 3+4-Methylphenols	8.836	107	56743	44.262	ng	96	
22) Acetophenone	8.883	105	70294	38.389	ng	# 95	
24) Nitrobenzene	9.271	77	52750	39.961	ng	# 87	
25) Isophorone	9.794	82	101923	40.711	ng	# 95	
26) 2-Nitrophenol	9.982	139	27316	46.851	ng	# 86	
27) 2,4-Dimethylphenol	10.041	122	48359	51.244	ng	90	
28) bis(2-Chloroethoxy)met...	10.270	93	58276	43.209	ng	99	
29) 2,4-Dichlorophenol	10.523	162	58601	46.315	ng	90	
30) 1,2,4-Trichlorobenzene	10.734	180	61158	39.036	ng	95	
31) Naphthalene	10.922	128	142952	37.590	ng	97	
32) Benzoic acid	10.182	122	26437	60.469	ng	# 80	
33) 4-Chloroaniline	11.028	127	49380	31.299	ng	92	
34) Hexachlorobutadiene	11.210	225	48058	39.898	ng	97	
35) Caprolactam	11.792	113	17611m	50.560	ng		
36) 4-Chloro-3-methylphenol	12.150	107	58900	47.887	ng	# 90	
37) 2-Methylnaphthalene	12.526	142	110555	39.293	ng	98	
38) 1-Methylnaphthalene	12.744	142	106872	39.010	ng	96	
40) 1,2,4,5-Tetrachloroben...	12.896	216	91131	38.301	ng	# 96	
41) Hexachlorocyclopentadiene	12.873	237	81450	73.516	ng	98	
43) 2,4,6-Trichlorophenol	13.131	196	58222	43.562	ng	95	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.208	196	63101	42.284	ng	#	92
46) 1,1'-Biphenyl	13.525	154	162300	37.734	ng		98
47) 2-Chloronaphthalene	13.572	162	131982	37.916	ng		96
48) 2-Nitroaniline	13.772	65	40919	44.191	ng	#	86
49) Acenaphthylene	14.412	152	216066	39.918	ng		99
50) Dimethylphthalate	14.142	163	188582	40.101	ng	#	99
51) 2,6-Dinitrotoluene	14.260	165	41784	43.977	ng	#	77
52) Acenaphthene	14.759	154	153521m	44.496	ng		
53) 3-Nitroaniline	14.594	138	32364	35.159	ng		87
54) 2,4-Dinitrophenol	14.800	184	52890	99.042	ng	#	78
55) Dibenzofuran	15.088	168	219040	39.403	ng		96
56) 4-Nitrophenol	14.906	139	63380	96.981	ng		93
57) 2,4-Dinitrotoluene	15.047	165	63994	47.690	ng		86
58) Fluorene	15.740	166	180142	39.468	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.317	232	67592	46.315	ng	#	87
60) Diethylphthalate	15.505	149	190073	41.735	ng		96
61) 4-Chlorophenyl-phenyle...	15.728	204	113203	41.428	ng	#	88
62) 4-Nitroaniline	15.758	138	40076	41.747	ng	#	79
63) Azobenzene	16.016	77	145837	39.782	ng		90
65) 4,6-Dinitro-2-methylph...	15.817	198	41519	48.817	ng		82
66) n-Nitrosodiphenylamine	15.940	169	170941	38.475	ng		96
67) 4-Bromophenyl-phenylether	16.621	248	84289	39.588	ng	#	91
68) Hexachlorobenzene	16.751	284	95216	39.095	ng	#	92
69) Atrazine	16.886	200	81228	44.134	ng		95
70) Pentachlorophenol	17.092	266	105674	93.406	ng		97
71) Phenanthrene	17.479	178	334694	38.214	ng		97
72) Anthracene	17.567	178	338855	39.619	ng		99
73) Carbazole	17.838	167	303027	41.277	ng		99
74) Di-n-butylphthalate	18.390	149	349420	41.166	ng	#	97
75) Fluoranthene	19.489	202	456710	39.722	ng		96
77) Benzidine	19.659	184	159017	38.949	ng		97
78) Pyrene	19.847	202	462690	38.858	ng		98
80) Butylbenzylphthalate	20.728	149	154722	40.539	ng		87
81) Benzo(a)anthracene	21.692	228	500653	39.221	ng		99
82) 3,3'-Dichlorobenzidine	21.604	252	149055	39.083	ng	#	94
83) Chrysene	21.757	228	460178	37.820	ng		98
84) Bis(2-ethylhexyl)phtha...	21.592	149	225076	41.234	ng	#	93
85) Di-n-octyl phthalate	22.814	149	388010	41.357	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.690	276	593238	39.677	ng		99
88) Benzo(b)fluoranthene	23.931	252	517188	42.931	ng		99
89) Benzo(k)fluoranthene	24.001	252	503553m	42.218	ng		
90) Benzo(a)pyrene	24.812	252	496713	48.868	ng		99
91) Dibenzo(a,h)anthracene	28.748	278	521737	42.198	ng	#	97
92) Benzo(g,h,i)perylene	29.853	276	513829	42.111	ng		95

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

