

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
 Data File : BG057113.D
 Acq On : 17 Apr 2023 15:41
 Operator : CG/JU
 Sample : PB152124BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152124BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: Apr 17 17:42:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							04/18/2023
1) 1,4-Dichlorobenzene-d4	8.402	152	16019	20.000	ng	0.00	Supervised By :Jagrut padhyay
21) Naphthalene-d8	11.245	136	65292	20.000	ng	# 0.00	
39) Acenaphthene-d10	15.017	164	50572	20.000	ng	0.00	
64) Phenanthrene-d10	17.760	188	123057	20.000	ng	# 0.00	
76) Chrysene-d12	22.078	240	100993	20.000	ng	# 0.00	
86) Perylene-d12	25.614	264	105233	20.000	ng	0.00	04/18/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.912	112	104134	104.040	ng	0.00	
7) Phenol-d6	7.539	99	91196	60.920	ng	0.00	
23) Nitrobenzene-d5	9.583	82	93903	58.848	ng	0.00	
42) 2,4,6-Tribromophenol	16.503	330	73250	90.667	ng	0.00	
45) 2-Fluorobiphenyl	13.642	172	210223	56.368	ng	0.00	
79) Terphenyl-d14	20.321	244	382288	64.053	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.709	88	15092	34.397	ng		99
3) Pyridine	4.132	79	28282	20.013	ng	#	94
4) n-Nitrosodimethylamine	4.038	42	15079	23.208	ng		98
6) Aniline	7.715	93	34057	17.796	ng		93
8) 2-Chlorophenol	7.962	128	33347	33.449	ng		93
9) Benzaldehyde	7.521	77	17745	18.899	ng		95
10) Phenol	7.568	94	38740	26.117	ng		98
11) bis(2-Chloroethyl)ether	7.797	93	26567	25.144	ng		97
12) 1,3-Dichlorobenzene	8.291	146	34355	31.187	ng		95
13) 1,4-Dichlorobenzene	8.438	146	44668	40.176	ng		99
14) 1,2-Dichlorobenzene	8.766	146	42482	39.550	ng		98
15) Benzyl Alcohol	8.637	79	46911	37.714	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.919	45	53268m	41.832	ng		
17) 2-Methylphenol	8.837	107	41923	39.615	ng		89
18) Hexachloroethane	9.507	117	16643	40.956	ng		93
19) n-Nitroso-di-n-propyla...	9.201	70	38704	36.147	ng		99
20) 3+4-Methylphenols	9.166	107	57487	38.848	ng		93
22) Acetophenone	9.231	105	69541	35.793	ng		98
24) Nitrobenzene	9.624	77	56056	34.360	ng	#	88
25) Isophorone	10.147	82	102491	33.730	ng		99
26) 2-Nitrophenol	10.347	139	24511	38.924	ng	#	82
27) 2,4-Dimethylphenol	10.382	122	44584	40.100	ng		93
28) bis(2-Chloroethoxy)met...	10.617	93	56943	37.432	ng		99
29) 2,4-Dichlorophenol	10.881	162	44740	37.417	ng		93
30) 1,2,4-Trichlorobenzene	11.099	180	45005	35.424	ng		98
31) Naphthalene	11.298	128	130493	36.667	ng		99
32) Benzoic acid	10.517	122	26446m	34.628	ng		
33) 4-Chloroaniline	11.392	127	34871	21.695	ng		96
34) Hexachlorobutadiene	11.569	225	31381	32.882	ng	#	87
35) Caprolactam	12.156	113	16118m	39.088	ng		
36) 4-Chloro-3-methylphenol	12.485	107	51504	38.517	ng		100
37) 2-Methylnaphthalene	12.873	142	97796	34.624	ng		98
38) 1-Methylnaphthalene	13.090	142	91456	34.483	ng		97
40) 1,2,4,5-Tetrachloroben...	13.231	216	62338	35.547	ng		97
41) Hexachlorocyclopentadiene	13.208	237	78070	80.798	ng		96
43) 2,4,6-Trichlorophenol	13.460	196	39643	35.424	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.537	196	45555	34.362	ng		94
46) 1,1'-Biphenyl	13.854	154	140822	38.039	ng		98
47) 2-Chloronaphthalene	13.907	162	104945	38.329	ng		98
48) 2-Nitroaniline	14.100	65	36171	36.946	ng		95
49) Acenaphthylene	14.747	152	166696	37.055	ng		98
50) Dimethylphthalate	14.453	163	144121	36.168	ng	#	99
51) 2,6-Dinitrotoluene	14.582	165	31760	36.890	ng		94
52) Acenaphthene	15.081	154	127908m	41.227	ng		04/18/2023
53) 3-Nitroaniline	14.917	138	22916	26.891	ng	#	84
54) 2,4-Dinitrophenol	15.123	184	38506	79.461	ng		94
55) Dibenzofuran	15.410	168	170732	36.664	ng		98
56) 4-Nitrophenol	15.211	139	51229	81.296	ng	#	85
57) 2,4-Dinitrotoluene	15.369	165	46372	38.190	ng	#	94
58) Fluorene	16.057	166	141241	36.655	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.634	232	42606	35.296	ng	#	95
60) Diethylphthalate	15.798	149	151297	37.875	ng		98
61) 4-Chlorophenyl-phenyle...	16.039	204	79557	35.165	ng		98
62) 4-Nitroaniline	16.074	138	34054	38.570	ng	#	82
63) Azobenzene	16.333	77	146322	36.755	ng		97
65) 4,6-Dinitro-2-methylph...	16.133	198	28687	38.491	ng		90
66) n-Nitrosodiphenylamine	16.250	169	121403	36.751	ng		97
67) 4-Bromophenyl-phenylether	16.932	248	53084	34.864	ng		94
68) Hexachlorobenzene	17.061	284	58573	38.910	ng		98
69) Atrazine	17.185	200	52169	38.045	ng		90
70) Pentachlorophenol	17.408	266	64019	59.280	ng		98
71) Phenanthrene	17.801	178	232764	37.100	ng		99
72) Anthracene	17.895	178	238304	37.051	ng		99
73) Carbazole	18.154	167	209524	37.364	ng		94
74) Di-n-butylphthalate	18.677	149	253509	39.040	ng		99
75) Fluoranthene	19.787	202	275026	34.580	ng		97
77) Benzidine	19.951	184	125273	45.381	ng	#	96
78) Pyrene	20.151	202	272048	38.946	ng		96
80) Butylbenzylphthalate	21.003	149	104057	43.290	ng		96
81) Benzo(a)anthracene	22.054	228	263903	37.761	ng		98
82) 3,3'-Dichlorobenzidine	21.955	252	60636	25.694	ng	#	96
83) Chrysene	22.131	228	243211	37.168	ng		99
84) Bis(2-ethylhexyl)phtha...	21.902	149	149180	42.859	ng		97
85) Di-n-octyl phthalate	23.218	149	248108	42.299	ng		98
87) Indeno(1,2,3-cd)pyrene	29.709	276	305086	39.228	ng	#	94
88) Benzo(b)fluoranthene	24.480	252	272817	41.458	ng	#	97
89) Benzo(k)fluoranthene	24.557	252	260153	39.600	ng	#	98
90) Benzo(a)pyrene	25.450	252	235018	36.344	ng	#	97
91) Dibenzo(a,h)anthracene	29.767	278	255492	39.966	ng		96
92) Benzo(g,h,i)perylene	30.989	276	244698	39.091	ng	#	97

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

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