

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053642.D
 Acq On : 20 May 2022 13:47
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: May 23 01:29:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
-----							05/23/2022
Internal Standards							Supervised By :Jagrut
1) 1,4-Dichlorobenzene-d4	8.069	152	25538	20.000	ng	0.00	padhyay
21) Naphthalene-d8	10.883	136	109218	20.000	ng	0.00	
39) Acenaphthene-d10	14.696	164	86937	20.000	ng	0.00	
64) Phenanthrene-d10	17.445	188	200008	20.000	ng	0.00	
76) Chrysene-d12	21.727	240	181767	20.000	ng	0.00	
86) Perylene-d12	24.999	264	180873	20.000	ng	0.00	05/23/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	120980	80.398	ng	0.00	
7) Phenol-d6	7.235	99	194125	85.004	ng	0.00	
23) Nitrobenzene-d5	9.232	82	208429	81.237	ng	0.00	
42) 2,4,6-Tribromophenol	16.188	330	101606	79.242	ng	0.00	
45) 2-Fluorobiphenyl	13.321	172	477315	80.229	ng	0.00	
79) Terphenyl-d14	20.047	244	807432	82.733	ng	0.00	
Target Compounds						Qvalue	
2) 1,4-Dioxane	3.505	88	28263	35.797	ng	97	
3) Pyridine	3.910	79	75909	39.369	ng	93	
4) n-Nitrosodimethylamine	3.822	42	37619	40.052	ng	95	
6) Aniline	7.394	93	107993	42.695	ng	96	
8) 2-Chlorophenol	7.635	128	65806	41.832	ng	100	
9) Benzaldehyde	7.206	77	56650m	39.047	ng		
10) Phenol	7.264	94	94518	42.317	ng	96	
11) bis(2-Chloroethyl)ether	7.482	93	67262	40.378	ng	98	
12) 1,3-Dichlorobenzene	7.958	146	73268	39.481	ng	96	
13) 1,4-Dichlorobenzene	8.104	146	74227	39.636	ng	95	
14) 1,2-Dichlorobenzene	8.428	146	73566	41.833	ng	97	
15) Benzyl Alcohol	8.304	79	79597	41.690	ng	96	
16) 2,2'-oxybis(1-Chloropr...	8.598	45	115782	42.705	ng	98	
17) 2-Methylphenol	8.516	107	63267	41.909	ng	97	
18) Hexachloroethane	9.156	117	27797	39.087	ng	97	
19) n-Nitroso-di-n-propyla...	8.874	70	71735	43.780	ng	99	
20) 3+4-Methylphenols	8.845	107	91811	43.062	ng	97	
22) Acetophenone	8.892	105	121724	40.722	ng	98	
24) Nitrobenzene	9.273	77	101586	40.908	ng	95	
25) Isophorone	9.796	82	176686	40.919	ng	99	
26) 2-Nitrophenol	9.990	139	42405	42.162	ng	91	
27) 2,4-Dimethylphenol	10.049	122	61652	40.731	ng	97	
28) bis(2-Chloroethoxy)met...	10.272	93	103051	41.496	ng	99	
29) 2,4-Dichlorophenol	10.536	162	78455	42.947	ng	94	
30) 1,2,4-Trichlorobenzene	10.742	180	84670	40.793	ng	95	
31) Naphthalene	10.930	128	228596	41.147	ng	99	
32) Benzoic acid	10.219	122	31015	35.471	ng	# 91	
33) 4-Chloroaniline	11.036	127	100456	43.176	ng	97	
34) Hexachlorobutadiene	11.212	225	61756	40.125	ng	95	
35) Caprolactam	11.811	113	26591	40.055	ng	# 89	
36) 4-Chloro-3-methylphenol	12.164	107	92398	42.284	ng	98	
37) 2-Methylnaphthalene	12.534	142	174466	42.080	ng	98	
38) 1-Methylnaphthalene	12.751	142	167878	41.501	ng	95	
40) 1,2,4,5-Tetrachloroben...	12.904	216	110545	40.339	ng	99	
41) Hexachlorocyclopentadiene	12.880	237	34494	36.326	ng	97	
43) 2,4,6-Trichlorophenol	13.139	196	74032	41.387	ng	96	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.221	196	81110	42.605	ng	99
46) 1,1'-Biphenyl	13.532	154	243554	41.100	ng	98
47) 2-Chloronaphthalene	13.579	162	188240	40.544	ng	99
48) 2-Nitroaniline	13.779	65	71608	41.392	ng	97
49) Acenaphthylene	14.419	152	297853	40.203	ng	99
50) Dimethylphthalate	14.149	163	257650	39.000	ng	99
51) 2,6-Dinitrotoluene	14.267	165	53490	39.742	ng	97
52) Acenaphthene	14.760	154	177128	40.117	ng	96
53) 3-Nitroaniline	14.602	138	58231	40.042	ng	98
54) 2,4-Dinitrophenol	14.819	184	28319	36.804	ng	93
55) Dibenzofuran	15.095	168	316335	39.888	ng	98
56) 4-Nitrophenol	14.931	139	38993	37.540	ng	90
57) 2,4-Dinitrotoluene	15.060	165	76085	38.999	ng	90
58) Fluorene	15.747	166	255404	40.131	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.330	232	76861m	39.791	ng	
60) Diethylphthalate	15.500	149	267985	39.270	ng	98
61) 4-Chlorophenyl-phenyle...	15.729	204	140642	39.603	ng	99
62) 4-Nitroaniline	15.765	138	60407	40.048	ng	95
63) Azobenzene	16.023	77	275325	39.400	ng	99
65) 4,6-Dinitro-2-methylph...	15.829	198	52234	43.828	ng	99
66) n-Nitrosodiphenylamine	15.947	169	224345	42.722	ng	98
67) 4-Bromophenyl-phenylether	16.628	248	97786	41.863	ng	96
68) Hexachlorobenzene	16.757	284	105115	41.089	ng	99
69) Atrazine	16.893	200	84749	38.336	ng	95
70) Pentachlorophenol	17.104	266	47353	37.024	ng	95
71) Phenanthrene	17.486	178	421654	41.461	ng	98
72) Anthracene	17.580	178	410299	41.045	ng	99
73) Carbazole	17.850	167	396896	40.512	ng	99
74) Di-n-butylphthalate	18.391	149	445901	40.469	ng	99
75) Fluoranthene	19.495	202	505578	38.394	ng	99
77) Benzidine	19.671	184	174419	44.520	ng	97
78) Pyrene	19.859	202	499904	42.485	ng	99
80) Butylbenzylphthalate	20.729	149	187305	43.410	ng	97
81) Benzo(a)anthracene	21.704	228	466890	40.272	ng	99
82) 3,3'-Dichlorobenzidine	21.610	252	124671	42.406	ng	99
83) Chrysene	21.774	228	437769	40.430	ng	98
84) Bis(2-ethylhexyl)phtha...	21.592	149	257443	43.228	ng	99
85) Di-n-octyl phthalate	22.814	149	432340	42.931	ng	100
87) Indeno(1,2,3-cd)pyrene	28.753	276	514768	40.863	ng	# 94
88) Benzo(b)fluoranthene	23.954	252	436337	40.756	ng	99
89) Benzo(k)fluoranthene	24.024	252	438061	41.639	ng	99
90) Benzo(a)pyrene	24.841	252	375140	41.167	ng	# 99
91) Dibenzo(a,h)anthracene	28.800	278	428228	41.254	ng	98
92) Benzo(g,h,i)perylene	29.928	276	421417	40.957	ng	97

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

