

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051122\
 Data File : BG053522.D
 Acq On : 11 May 2022 12:02
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: May 11 13:39:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	25407	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	104773	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	81919	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	192891	20.000	ng	0.00
76) Chrysene-d12	21.739	240	192672	20.000	ng	0.00
86) Perylene-d12	25.017	264	205059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	119098	79.555	ng	0.00
7) Phenol-d6	7.247	99	186280	81.989	ng	0.00
23) Nitrobenzene-d5	9.251	82	202046	82.090	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	97069	80.341	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	453666	80.925	ng	0.00
79) Terphenyl-d14	20.059	244	824395	79.690	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	31135	39.638	ng	99
3) Pyridine	3.934	79	79365	41.373	ng	97
4) n-Nitrosodimethylamine	3.846	42	38005	40.671	ng	97
6) Aniline	7.406	93	103699	41.209	ng	97
8) 2-Chlorophenol	7.653	128	61652	39.394	ng	98
9) Benzaldehyde	7.224	77	57301	39.699	ng	96
10) Phenol	7.277	94	90374	40.671	ng	99
11) bis(2-Chloroethyl)ether	7.500	93	64789	39.094	ng	90
12) 1,3-Dichlorobenzene	7.976	146	73051	39.567	ng	91
13) 1,4-Dichlorobenzene	8.123	146	73533	39.468	ng	98
14) 1,2-Dichlorobenzene	8.446	146	69230	39.571	ng	98
15) Benzyl Alcohol	8.322	79	79116	41.651	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.610	45	114274	42.367	ng	98
17) 2-Methylphenol	8.528	107	60978	40.601	ng	98
18) Hexachloroethane	9.174	117	27305	38.593	ng	95
19) n-Nitroso-di-n-propyla...	8.886	70	67092	41.157	ng	95
20) 3+4-Methylphenols	8.857	107	86446	40.754	ng	99
22) Acetophenone	8.910	105	114655	39.984	ng	# 99
24) Nitrobenzene	9.292	77	97887	41.091	ng	97
25) Isophorone	9.814	82	172841	41.726	ng	97
26) 2-Nitrophenol	10.008	139	39424	40.861	ng	97
27) 2,4-Dimethylphenol	10.067	122	59542	41.006	ng	96
28) bis(2-Chloroethoxy)met...	10.290	93	97467	40.912	ng	96
29) 2,4-Dichlorophenol	10.549	162	73312	41.834	ng	96
30) 1,2,4-Trichlorobenzene	10.760	180	80512	40.436	ng	98
31) Naphthalene	10.948	128	217703	40.848	ng	98
32) Benzoic acid	10.243	122	28248m	34.106	ng	
33) 4-Chloroaniline	11.054	127	93258	41.783	ng	99
34) Hexachlorobutadiene	11.236	225	59130	40.049	ng	96
35) Caprolactam	11.818	113	24398	38.311	ng	# 89
36) 4-Chloro-3-methylphenol	12.176	107	84466	40.294	ng	95
37) 2-Methylnaphthalene	12.546	142	161484	40.601	ng	98
38) 1-Methylnaphthalene	12.763	142	156093	40.225	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.916	216	106515	41.250	ng	99
41) Hexachlorocyclopentadiene	12.899	237	32699	36.491	ng	97
43) 2,4,6-Trichlorophenol	13.157	196	68965	40.916	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.233	196	74933	41.771	ng	97	05/17/2022
46) 1,1'-Biphenyl	13.545	154	227615	40.763	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.592	162	174445	39.874	ng	99	
48) 2-Nitroaniline	13.791	65	68842	42.230	ng	93	
49) Acenaphthylene	14.438	152	280249	40.144	ng	99	
50) Dimethylphthalate	14.162	163	244307	39.246	ng	99	
51) 2,6-Dinitrotoluene	14.285	165	49693	39.182	ng	94	05/17/2022
52) Acenaphthene	14.778	154	165721	39.833	ng	96	
53) 3-Nitroaniline	14.614	138	53661	39.159	ng	100	
54) 2,4-Dinitrophenol	14.831	184	26944	37.101	ng	98	
55) Dibenzofuran	15.113	168	297609	39.825	ng	98	
56) 4-Nitrophenol	14.931	139	36760	37.558	ng	87	
57) 2,4-Dinitrotoluene	15.072	165	69801	37.970	ng	# 81	
58) Fluorene	15.759	166	235470	39.265	ng	98	
59) 2,3,4,6-Tetrachlorophenol	15.342	232	72747	39.968	ng	98	
60) Diethylphthalate	15.518	149	249893	38.862	ng	98	
61) 4-Chlorophenyl-phenyle...	15.748	204	136882	40.905	ng	97	
62) 4-Nitroaniline	15.777	138	55058	38.738	ng	96	
63) Azobenzene	16.041	77	263271	39.982	ng	98	
65) 4,6-Dinitro-2-methylph...	15.842	198	48953	42.591	ng	98	
66) n-Nitrosodiphenylamine	15.959	169	208655	41.200	ng	99	
67) 4-Bromophenyl-phenylether	16.640	248	95767	42.511	ng	98	
68) Hexachlorobenzene	16.770	284	99961	40.516	ng	96	
69) Atrazine	16.905	200	83503	39.166	ng	97	
70) Pentachlorophenol	17.116	266	46931	37.919	ng	91	
71) Phenanthrene	17.504	178	398012	40.580	ng	98	
72) Anthracene	17.592	178	390054	40.460	ng	98	
73) Carbazole	17.862	167	373350	39.515	ng	100	
74) Di-n-butylphthalate	18.409	149	416394	39.186	ng	99	
75) Fluoranthene	19.507	202	501892	39.520	ng	99	
77) Benzidine	19.683	184	176315	42.457	ng	99	
78) Pyrene	19.871	202	497854	39.916	ng	99	
80) Butylbenzylphthalate	20.747	149	188839	41.289	ng	99	
81) Benzo(a)anthracene	21.722	228	496500	40.402	ng	99	
82) 3,3'-Dichlorobenzidine	21.628	252	126676	40.649	ng	95	
83) Chrysene	21.786	228	466341	40.631	ng	98	
84) Bis(2-ethylhexyl)phtha...	21.610	149	262988	41.660	ng	100	
85) Di-n-octyl phthalate	22.838	149	450158	42.171	ng	100	
87) Indeno(1,2,3-cd)pyrene	28.789	276	590994	41.381	ng	# 95	
88) Benzo(b)fluoranthene	23.978	252	498930	41.106	ng	98	
89) Benzo(k)fluoranthene	24.048	252	479171	40.174	ng	98	
90) Benzo(a)pyrene	24.865	252	421212	40.771	ng	98	
91) Dibenzo(a,h)anthracene	28.842	278	482268	40.981	ng	99	
92) Benzo(g,h,i)perylene	29.958	276	481585	41.284	ng	98	

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

