

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053479.D
 Acq On : 6 May 2022 18:11
 Operator : CG/JU
 Sample : N2685-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-5MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/09/2022
 Supervised By : mohammad ahmed 05/09/2022

Quant Time: May 06 23:41:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	21739	20.000	ng	-0.01
21) Naphthalene-d8	10.902	136	92788	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	77047	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	193030	20.000	ng	-0.01
76) Chrysene-d12	21.746	240	192986	20.000	ng	0.00
86) Perylene-d12	25.024	264	206884	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	203569	158.924	ng	-0.01
7) Phenol-d6	7.254	99	298429	153.513	ng	0.00
23) Nitrobenzene-d5	9.257	82	222015	101.854	ng	0.00
42) 2,4,6-Tribromophenol	16.206	330	177709	156.385	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	504401	95.665	ng	0.00
79) Terphenyl-d14	20.066	244	1057876	102.094	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.541	88	28081	41.782	ng	# 53
3) Pyridine	3.946	79	71091m	43.313	ng	
4) n-Nitrosodimethylamine	3.846	42	45063	56.361	ng	92
6) Aniline	7.412	93	93731	43.533	ng	99
8) 2-Chlorophenol	7.659	128	83561	62.402	ng	95
9) Benzaldehyde	7.224	77	48598m	39.351	ng	
10) Phenol	7.283	94	108149	56.882	ng	97
11) bis(2-Chloroethyl)ether	7.500	93	76394	53.875	ng	95
12) 1,3-Dichlorobenzene	7.982	146	82210	52.040	ng	93
13) 1,4-Dichlorobenzene	8.129	146	84299	52.881	ng	95
14) 1,2-Dichlorobenzene	8.446	146	83369	55.693	ng	96
15) Benzyl Alcohol	8.329	79	100621m	61.911	ng	
16) 2,2'-oxybis(1-Chloropr...	8.611	45	123851	53.665	ng	97
17) 2-Methylphenol	8.534	107	78796	61.317	ng	94
18) Hexachloroethane	9.180	117	30795	50.870	ng	94
19) n-Nitroso-di-n-propyla...	8.893	70	79822	57.228	ng	97
20) 3+4-Methylphenols	8.863	107	109593	60.384	ng	99
22) Acetophenone	8.910	105	138636	54.592	ng	# 95
24) Nitrobenzene	9.298	77	122502	58.066	ng	96
25) Isophorone	9.821	82	230406	62.808	ng	100
26) 2-Nitrophenol	10.009	139	49680	58.141	ng	97
27) 2,4-Dimethylphenol	10.067	122	88046	68.469	ng	96
28) bis(2-Chloroethoxy)met...	10.297	93	116425	55.183	ng	98
29) 2,4-Dichlorophenol	10.555	162	96963	62.477	ng	92
30) 1,2,4-Trichlorobenzene	10.767	180	92929	52.700	ng	96
31) Naphthalene	10.955	128	256021	54.243	ng	98
32) Benzoic acid	10.232	122	14641m	23.480	ng	
33) 4-Chloroaniline	11.066	127	28581	14.459	ng	96
34) Hexachlorobutadiene	11.236	225	67009	51.247	ng	96
35) Caprolactam	11.836	113	31161	55.251	ng	# 90
36) 4-Chloro-3-methylphenol	12.182	107	114118	61.471	ng	95
37) 2-Methylnaphthalene	12.552	142	194537	55.229	ng	98
38) 1-Methylnaphthalene	12.770	142	189834	55.239	ng	99
40) 1,2,4,5-Tetrachloroben...	12.917	216	124737	51.361	ng	99
41) Hexachlorocyclopentadiene	12.899	237	97859	96.834	ng	95
43) 2,4,6-Trichlorophenol	13.157	196	89319	56.343	ng	97

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44) 2,4,5-Trichlorophenol	13.234	196	97426	57.744	ng	98
46) 1,1'-Biphenyl	13.551	154	273191	52.018	ng	100
47) 2-Chloronaphthalene	13.598	162	217206	52.788	ng	98
48) 2-Nitroaniline	13.792	65	91894	59.936	ng	96
49) Acenaphthylene	14.438	152	374965	57.108	ng	99
50) Dimethylphthalate	14.168	163	320782	54.789	ng	100
51) 2,6-Dinitrotoluene	14.285	165	67637	56.703	ng	96
52) Acenaphthene	14.779	154	210932	53.906	ng	98
53) 3-Nitroaniline	14.620	138	45838	35.566	ng	97
54) 2,4-Dinitrophenol	14.832	184	21195	32.052	ng	100
55) Dibenzofuran	15.114	168	368155	52.381	ng	98
56) 4-Nitrophenol	14.937	139	102245	111.070	ng	89
57) 2,4-Dinitrotoluene	15.078	165	101978	58.981	ng	90
58) Fluorene	15.760	166	309344	54.846	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.343	232	98987	57.824	ng	99
60) Diethylphthalate	15.525	149	331988	54.893	ng	99
61) 4-Chlorophenyl-phenylether	15.748	204	169117	53.734	ng	99
62) 4-Nitroaniline	15.783	138	70642	52.845	ng	98
63) Azobenzene	16.042	77	330548	53.374	ng	99
65) 4,6-Dinitro-2-methylph...	15.848	198	28470	24.752	ng	97
66) n-Nitrosodiphenylamine	15.965	169	278925	55.036	ng	99
67) 4-Bromophenyl-phenylether	16.641	248	122436	54.310	ng	93
68) Hexachlorobenzene	16.770	284	133869	54.221	ng	98
69) Atrazine	16.905	200	118538	55.559	ng	95
70) Pentachlorophenol	17.117	266	102174	77.028	ng	93
71) Phenanthrene	17.504	178	527384	53.731	ng	98
72) Anthracene	17.593	178	534748	55.429	ng	99
73) Carbazole	17.863	167	492783	52.118	ng	98
74) Di-n-butylphthalate	18.409	149	573884	53.968	ng	99
75) Fluoranthene	19.508	202	687032	54.059	ng	99
77) Benzidine	19.684	184	135466	32.567	ng	98
78) Pyrene	19.872	202	692007	55.392	ng	99
80) Butylbenzylphthalate	20.747	149	254296	55.510	ng	98
81) Benzo(a)anthracene	21.722	228	683850	55.557	ng	99
82) 3,3'-Dichlorobenzidine	21.628	252	154824	49.600	ng	96
83) Chrysene	21.787	228	624013	54.280	ng	98
84) Bis(2-ethylhexyl)phtha...	21.611	149	363966	57.562	ng	99
85) Di-n-octyl phthalate	22.838	149	616277	57.639	ng	100
87) Indeno(1,2,3-cd)pyrene	28.783	276	778850	54.053	ng	# 98
88) Benzo(b)fluoranthene	23.984	252	719684	58.770	ng	99
89) Benzo(k)fluoranthene	24.049	252	673847	55.998	ng	98
90) Benzo(a)pyrene	24.871	252	685869	65.803	ng	# 99
91) Dibenzo(a,h)anthracene	28.848	278	673995	56.767	ng	99
92) Benzo(g,h,i)perylene	29.970	276	673095	57.192	ng	96

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

