

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053554.D
 Acq On : 13 May 2022 22:21
 Operator : CG/JU
 Sample : N2795-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-239MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/16/2022
 Supervised By : Jagrut Upadhyay 05/16/2022

Quant Time: May 14 03:15:14 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	8.084	152	32424	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	133994	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	100245	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	218385	20.000	ng	0.00
76) Chrysene-d12	21.742	240	203558	20.000	ng	0.00
86) Perylene-d12	25.020	264	212670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	183796	96.202	ng	0.00
7) Phenol-d6	7.250	99	272886	94.115	ng	0.00
23) Nitrobenzene-d5	9.247	82	188869	60.002	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	128276	86.761	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	416863	60.766	ng	0.00
79) Terphenyl-d14	20.056	244	694337	63.529	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.526	88	36417	36.329	ng	96
3) Pyridine	3.931	79	90782	37.083	ng	92
4) n-Nitrosodimethylamine	3.843	42	61558	51.620	ng	98
6) Aniline	7.409	93	142753	44.452	ng	99
8) 2-Chlorophenol	7.655	128	113552	56.854	ng	95
9) Benzaldehyde	7.215	77	75434m	40.952	ng	
10) Phenol	7.279	94	157959	55.702	ng	97
11) bis(2-Chloroethyl)ether	7.497	93	105449	49.859	ng	98
12) 1,3-Dichlorobenzene	7.973	146	118950	50.484	ng	91
13) 1,4-Dichlorobenzene	8.120	146	121954	51.292	ng	98
14) 1,2-Dichlorobenzene	8.443	146	119334	53.448	ng	97
15) Benzyl Alcohol	8.325	79	130997m	54.040	ng	
16) 2,2'-oxybis(1-Chloropr...	8.613	45	171702	49.881	ng	96
17) 2-Methylphenol	8.531	107	104795	54.675	ng	94
18) Hexachloroethane	9.171	117	46296	51.274	ng	96
19) n-Nitroso-di-n-propyla...	8.889	70	104082	50.031	ng	96
20) 3+4-Methylphenols	8.860	107	147365	54.439	ng	98
22) Acetophenone	8.907	105	178649	48.715	ng	# 98
24) Nitrobenzene	9.294	77	162439	53.318	ng	98
25) Isophorone	9.817	82	286977	54.172	ng	99
26) 2-Nitrophenol	10.005	139	67191	54.453	ng	97
27) 2,4-Dimethylphenol	10.064	122	114635	61.732	ng	92
28) bis(2-Chloroethoxy)met...	10.293	93	150538	49.409	ng	98
29) 2,4-Dichlorophenol	10.552	162	126195	56.307	ng	94
30) 1,2,4-Trichlorobenzene	10.763	180	136558	53.627	ng	97
31) Naphthalene	10.945	128	348510	51.132	ng	99
32) Benzoic acid	10.252	122	68035m	56.735	ng	
33) 4-Chloroaniline	11.051	127	72576	25.425	ng	95
34) Hexachlorobutadiene	11.233	225	99287	52.582	ng	99
35) Caprolactam	11.838	113	40530m	49.764	ng	
36) 4-Chloro-3-methylphenol	12.179	107	141512	52.786	ng	96
37) 2-Methylnaphthalene	12.549	142	253706	49.877	ng	99
38) 1-Methylnaphthalene	12.766	142	248905	50.154	ng	97
40) 1,2,4,5-Tetrachloroben...	12.919	216	172127	54.473	ng	99
41) Hexachlorocyclopentadiene	12.895	237	143260	107.848	ng	99
43) 2,4,6-Trichlorophenol	13.154	196	116112	56.294	ng	98

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44) 2,4,5-Trichlorophenol	13.236	196	122198	55.666	ng	98
46) 1,1'-Biphenyl	13.547	154	353466	51.729	ng	99
47) 2-Chloronaphthalene	13.594	162	276154	51.583	ng	100
48) 2-Nitroaniline	13.794	65	105021	52.646	ng	98
49) Acenaphthylene	14.434	152	459398	53.776	ng	99
50) Dimethylphthalate	14.164	163	364732	47.880	ng	100
51) 2,6-Dinitrotoluene	14.282	165	80994	52.188	ng	98
52) Acenaphthene	14.775	154	260193	51.107	ng	99
53) 3-Nitroaniline	14.617	138	60113	35.848	ng	96
54) 2,4-Dinitrophenol	14.828	184	92369	92.688	ng	97
55) Dibenzofuran	15.110	168	442782	48.420	ng	98
56) 4-Nitrophenol	14.940	139	119069	99.414	ng	87
57) 2,4-Dinitrotoluene	15.075	165	112116	49.839	ng	86
58) Fluorene	15.762	166	360495	49.124	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.339	232	111349	49.993	ng	98
60) Diethylphthalate	15.521	149	371913	47.264	ng	98
61) 4-Chlorophenyl-phenyle...	15.744	204	200906	49.062	ng	98
62) 4-Nitroaniline	15.786	138	73987	42.539	ng	97
63) Azobenzene	16.038	77	382405	47.458	ng	99
65) 4,6-Dinitro-2-methylph...	15.844	198	66295	50.945	ng	99
66) n-Nitrosodiphenylamine	15.962	169	318709	55.585	ng	99
67) 4-Bromophenyl-phenylether	16.637	248	141218	55.369	ng	96
68) Hexachlorobenzene	16.767	284	152361	54.546	ng	99
69) Atrazine	16.908	200	129261	53.551	ng	94
70) Pentachlorophenol	17.119	266	165453	108.246	ng	91
71) Phenanthrene	17.501	178	590373	53.165	ng	97
72) Anthracene	17.595	178	583933	53.500	ng	99
73) Carbazole	17.859	167	523538	48.942	ng	98
74) Di-n-butylphthalate	18.406	149	599261	49.811	ng	100
75) Fluoranthene	19.510	202	728479	50.665	ng	98
77) Benzidine	19.680	184	226059	51.524	ng	99
78) Pyrene	19.868	202	726290	55.117	ng	99
80) Butylbenzylphthalate	20.744	149	257553	53.301	ng	95
81) Benzo(a)anthracene	21.719	228	705351	54.327	ng	99
82) 3,3'-Dichlorobenzidine	21.625	252	181881	55.242	ng	98
83) Chrysene	21.789	228	639886	52.770	ng	97
84) Bis(2-ethylhexyl)phtha...	21.607	149	416954	62.518	ng	100
85) Di-n-octyl phthalate	22.829	149	614207	54.462	ng	98
87) Indeno(1,2,3-cd)pyrene	28.786	276	785112	53.005	ng	# 98
88) Benzo(b)fluoranthene	23.980	252	735473	58.425	ng	99
89) Benzo(k)fluoranthene	24.045	252	656132	53.042	ng	99
90) Benzo(a)pyrene	24.867	252	682856	63.732	ng	97
91) Dibenzo(a,h)anthracene	28.844	278	682925	55.954	ng	98
92) Benzo(g,h,i)perylene	29.978	276	680088	56.214	ng	96

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

