

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055287.D
 Acq On : 25 Oct 2022 22:48
 Operator : CG/JU
 Sample : N5207-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 11/02/2022
 Supervised By : Jagrut Upadhyay 11/02/2022

Quant Time: Oct 26 14:47:33 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 24 16:54:05 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	46547	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	212491	20.000	ng	0.00
39) Acenaphthene-d10	14.885	164	141164	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	293784	20.000	ng	0.00
76) Chrysene-d12	21.901	240	258169	20.000	ng	0.00
86) Perylene-d12	25.297	264	278718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	355051	133.561	ng	0.00
7) Phenol-d6	7.418	99	491780	127.691	ng	0.00
23) Nitrobenzene-d5	9.451	82	304617	73.202	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	187995	122.506	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	611198	70.867	ng	0.00
79) Terphenyl-d14	20.191	244	824072	66.319	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	44728	34.847	ng	97
3) Pyridine	4.022	79	125254	32.404	ng	98
4) n-Nitrosodimethylamine	3.934	42	66883	38.946	ng	95
6) Aniline	7.588	93	116963	23.199	ng	99
8) 2-Chlorophenol	7.835	128	150661	48.748	ng	100
9) Benzaldehyde	7.394	77	77756	29.570	ng	98
10) Phenol	7.447	94	204348	47.369	ng	99
11) bis(2-Chloroethyl)ether	7.676	93	139713	42.903	ng	99
12) 1,3-Dichlorobenzene	8.164	146	152519	45.229	ng	98
13) 1,4-Dichlorobenzene	8.311	146	153690	44.621	ng	99
14) 1,2-Dichlorobenzene	8.634	146	153392	46.255	ng	98
15) Benzyl Alcohol	8.505	79	142711m	44.280	ng	
16) 2,2'-oxybis(1-Chloropr...	8.799	45	222013	41.659	ng	97
17) 2-Methylphenol	8.710	107	139722	45.797	ng	99
18) Hexachloroethane	9.368	117	57032	46.501	ng	99
19) n-Nitroso-di-n-propyla...	9.081	70	123672	38.669	ng	98
20) 3+4-Methylphenols	9.039	107	192150	43.974	ng	99
22) Acetophenone	9.104	105	228702	42.099	ng	# 98
24) Nitrobenzene	9.492	77	180039	41.551	ng	98
25) Isophorone	10.015	82	338976	40.329	ng	98
26) 2-Nitrophenol	10.209	139	86938	45.818	ng	99
27) 2,4-Dimethylphenol	10.256	122	150720m	50.880	ng	
28) bis(2-Chloroethoxy)met...	10.491	93	196339	46.265	ng	98
29) 2,4-Dichlorophenol	10.743	162	153102	48.178	ng	98
30) 1,2,4-Trichlorobenzene	10.961	180	145202	44.770	ng	97
31) Naphthalene	11.155	128	479498	42.300	ng	99
32) Benzoic acid	10.408	122	111877	49.821	ng	99
33) 4-Chloroaniline	11.254	127	77549	16.002	ng	98
34) Hexachlorobutadiene	11.431	225	84169	45.420	ng	99
35) Caprolactam	12.030	113	54426m	36.902	ng	
36) 4-Chloro-3-methylphenol	12.359	107	181149	45.302	ng	99
37) 2-Methylnaphthalene	12.735	142	345918	42.325	ng	100
38) 1-Methylnaphthalene	12.952	142	334093	41.435	ng	99
40) 1,2,4,5-Tetrachloroben...	13.099	216	167013	49.053	ng	99
41) Hexachlorocyclopentadiene	13.076	237	131442	80.775	ng	95
43) 2,4,6-Trichlorophenol	13.328	196	121206	48.200	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.411	196	132220	47.537	ng	98
46) 1,1'-Biphenyl	13.728	154	457043	47.206	ng	99
47) 2-Chloronaphthalene	13.775	162	348733	45.677	ng	99
48) 2-Nitroaniline	13.969	65	127165	42.590	ng	99
49) Acenaphthylene	14.615	152	573444	43.510	ng	99
50) Dimethylphthalate	14.333	163	434163	39.172	ng	99
51) 2,6-Dinitrotoluene	14.457	165	95899	42.521	ng	95
52) Acenaphthene	14.950	154	394031m	46.903	ng	
53) 3-Nitroaniline	14.786	138	82310	29.037	ng	97
54) 2,4-Dinitrophenol	14.991	184	89047	68.068	ng	98
55) Dibenzofuran	15.285	168	544967	43.239	ng	98
56) 4-Nitrophenol	15.091	139	181089	89.319	ng	97
57) 2,4-Dinitrotoluene	15.238	165	138401	42.287	ng	93
58) Fluorene	15.925	166	440020	41.958	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.502	232	109954	44.343	ng	98
60) Diethylphthalate	15.679	149	459154	38.945	ng	98
61) 4-Chlorophenyl-phenylether	15.908	204	214457	44.500	ng	99
62) 4-Nitroaniline	15.943	138	100660	33.792	ng	99
63) Azobenzene	16.202	77	478284	41.642	ng	98
65) 4,6-Dinitro-2-methylph...	15.996	198	60930	37.727	ng	97
66) n-Nitrosodiphenylamine	16.125	169	387879	47.435	ng	100
67) 4-Bromophenyl-phenylether	16.801	248	138760	48.615	ng	98
68) Hexachlorobenzene	16.924	284	152396	47.222	ng	99
69) Atrazine	17.059	200	139912	50.318	ng	99
70) Pentachlorophenol	17.271	266	170913	93.308	ng	97
71) Phenanthrene	17.665	178	763635	48.739	ng	98
72) Anthracene	17.753	178	702100	45.839	ng	100
73) Carbazole	18.017	167	662670	44.981	ng	100
74) Di-n-butylphthalate	18.546	149	799868	43.434	ng	100
75) Fluoranthene	19.651	202	949893	52.030	ng	99
77) Benzidine	19.821	184	170883	27.337	ng	100
78) Pyrene	20.015	202	920298	52.006	ng	98
80) Butylbenzylphthalate	20.867	149	350592	41.926	ng	98
81) Benzo(a)anthracene	21.877	228	807410	46.573	ng	99
82) 3,3'-Dichlorobenzidine	21.777	252	194690	34.481	ng	99
83) Chrysene	21.948	228	760775	46.198	ng	99
84) Bis(2-ethylhexyl)phtha...	21.748	149	510303	42.719	ng	98
85) Di-n-octyl phthalate	23.011	149	848851	42.654	ng	100
87) Indeno(1,2,3-cd)pyrene	29.216	276	950045	46.151	ng	# 92
88) Benzo(b)fluoranthene	24.216	252	900111	53.688	ng	98
89) Benzo(k)fluoranthene	24.286	252	776450	45.865	ng	99
90) Benzo(a)pyrene	25.138	252	756911	52.647	ng	100
91) Dibenzo(a,h)anthracene	29.280	278	759418	44.953	ng	99
92) Benzo(g,h,i)perylene	30.450	276	794209	47.398	ng	100

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

