

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055937.D
 Acq On : 8 Dec 2022 21:30
 Operator : CG/JU
 Sample : N5942-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-120722MSD

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022

Quant Time: Dec 09 08:13:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 07:57:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	36554	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	157236	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	103879	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	227445	20.000	ng	0.00
76) Chrysene-d12	21.807	240	197287	20.000	ng	0.00
86) Perylene-d12	25.144	264	236406	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	297871	147.291	ng	0.00
7) Phenol-d6	7.306	99	399347	148.343	ng	0.00
23) Nitrobenzene-d5	9.322	82	256005	86.056	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	178963	122.347	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	606016	87.399	ng	0.00
79) Terphenyl-d14	20.109	244	878120	89.025	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	30803	35.641	ng	97
3) Pyridine	3.887	79	88241	33.282	ng	97
4) n-Nitrosodimethylamine	3.799	42	59484	42.377	ng	96
6) Aniline	7.459	93	104517	30.910	ng	97
8) 2-Chlorophenol	7.706	128	121587	52.592	ng	96
9) Benzaldehyde	7.271	77	57584m	31.497	ng	
10) Phenol	7.330	94	155720	51.661	ng	99
11) bis(2-Chloroethyl)ether	7.547	93	106929	46.290	ng	99
12) 1,3-Dichlorobenzene	8.029	146	127702	46.982	ng	98
13) 1,4-Dichlorobenzene	8.176	146	128713	46.862	ng	97
14) 1,2-Dichlorobenzene	8.499	146	126506	48.064	ng	99
15) Benzyl Alcohol	8.382	79	113671m	51.955	ng	
16) 2,2'-oxybis(1-Chloropr...	8.669	45	203246	48.603	ng	98
17) 2-Methylphenol	8.593	107	112557	52.596	ng	99
18) Hexachloroethane	9.233	117	46387	49.068	ng	98
19) n-Nitroso-di-n-propyla...	8.951	70	94860	45.861	ng	98
20) 3+4-Methylphenols	8.922	107	152285	50.941	ng	98
22) Acetophenone	8.975	105	186655	45.684	ng	98
24) Nitrobenzene	9.363	77	144415	46.476	ng	99
25) Isophorone	9.886	82	268800	47.688	ng	98
26) 2-Nitrophenol	10.080	139	73171	51.010	ng	92
27) 2,4-Dimethylphenol	10.132	122	125464m	57.469	ng	
28) bis(2-Chloroethoxy)met...	10.362	93	152801	50.496	ng	100
29) 2,4-Dichlorophenol	10.626	162	130873	50.084	ng	100
30) 1,2,4-Trichlorobenzene	10.832	180	141297	46.544	ng	98
31) Naphthalene	11.020	128	393491	46.293	ng	100
32) Benzoic acid	10.326	122	40325	22.451	ng	98
33) 4-Chloroaniline	11.131	127	92876	26.488	ng	99
34) Hexachlorobutadiene	11.296	225	94106	45.397	ng	97
35) Caprolactam	11.924	113	39492	43.673	ng	93
36) 4-Chloro-3-methylphenol	12.253	107	138812	48.333	ng	96
37) 2-Methylnaphthalene	12.618	142	291528	45.807	ng	99
38) 1-Methylnaphthalene	12.835	142	274507	44.430	ng	98
40) 1,2,4,5-Tetrachloroben...	12.982	216	173365	53.107	ng	100
41) Hexachlorocyclopentadiene	12.953	237	45400	27.594	ng	97
43) 2,4,6-Trichlorophenol	13.223	196	103705	46.571	ng	98

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44) 2,4,5-Trichlorophenol	13.311	196	113864	46.530	ng	99
46) 1,1'-Biphenyl	13.611	154	387624	51.206	ng	99
47) 2-Chloronaphthalene	13.664	162	295604	50.240	ng	100
48) 2-Nitroaniline	13.869	65	97652	50.481	ng	98
49) Acenaphthylene	14.504	152	472584	48.776	ng	99
50) Dimethylphthalate	14.228	163	376601	45.479	ng	99
51) 2,6-Dinitrotoluene	14.357	165	82484	48.716	ng	97
52) Acenaphthene	14.845	154	337015m	53.221	ng	
53) 3-Nitroaniline	14.686	138	64223	34.553	ng	98
54) 2,4-Dinitrophenol	14.909	184	67339	69.172	ng	98
55) Dibenzofuran	15.179	168	476303	48.758	ng	98
56) 4-Nitrophenol	15.015	139	106652	73.110	ng	96
57) 2,4-Dinitrotoluene	15.144	165	116242	48.694	ng	98
58) Fluorene	15.826	166	393304	50.409	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	96239	40.588	ng	95
60) Diethylphthalate	15.579	149	368731	44.043	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	196259	45.760	ng	96
62) 4-Nitroaniline	15.849	138	80330	41.344	ng	94
63) Azobenzene	16.102	77	336595	46.051	ng	99
65) 4,6-Dinitro-2-methylph...	15.914	198	56059	44.140	ng	96
66) n-Nitrosodiphenylamine	16.020	169	314009	50.096	ng	99
67) 4-Bromophenyl-phenylether	16.701	248	128153	49.452	ng	98
68) Hexachlorobenzene	16.830	284	138950	48.355	ng	99
69) Atrazine	16.966	200	127880	51.585	ng	99
70) Pentachlorophenol	17.183	266	107094	60.924	ng	98
71) Phenanthrene	17.571	178	1479662	120.553	ng	97
72) Anthracene	17.659	178	670967	56.263	ng	99
73) Carbazole	17.929	167	769154	71.743	ng	99
74) Di-n-butylphthalate	18.458	149	610493	45.860	ng	99
75) Fluoranthene	19.574	202	2384447	159.686	ng	94
77) Benzidine	19.739	184	212171	46.487	ng	99
78) Pyrene	19.939	202	2017731	151.096	ng	93
80) Butylbenzylphthalate	20.785	149	261088	49.942	ng	97
81) Benzo(a)anthracene	21.789	228	1311794	96.538	ng	97
82) 3,3'-Dichlorobenzidine	21.689	252	162207	33.972	ng	97
83) Chrysene	21.860	228	1423153	110.015	ng	96
84) Bis(2-ethylhexyl)phtha...	21.648	149	383404	51.031	ng	99
85) Di-n-octyl phthalate	22.888	149	656172	51.035	ng	99
87) Indeno(1,2,3-cd)pyrene	29.016	276	1239078	63.979	ng	# 95
88) Benzo(b)fluoranthene	24.093	252	1797486	116.750	ng	97
89) Benzo(k)fluoranthene	24.157	252	1076793	70.164	ng	96
90) Benzo(a)pyrene	24.997	252	1314201	99.472	ng	97
91) Dibenzo(a,h)anthracene	29.057	278	730793	46.176	ng	99
92) Benzo(g,h,i)perylene	30.227	276	1128649	70.758	ng	99

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

