

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058577.D
 Acq On : 2 Aug 2023 14:03
 Operator : MA/JU
 Sample : 03686-14MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-4-6-20230721MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

08/03/2023
 Supervised By :mohammad
 ahmed

Quant Time: Aug 03 02:41:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	55516	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	241642	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	166482	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	371200	20.000	ng	0.00
76) Chrysene-d12	21.452	240	314072	20.000	ng	0.00
86) Perylene-d12	24.519	264	405710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.383	112	321083	88.400	ng	0.00
7) Phenol-d6	6.987	99	435605	86.189	ng	0.00
23) Nitrobenzene-d5	8.978	82	264929	53.859	ng	0.00
42) 2,4,6-Tribromophenol	15.953	330	210140	77.009	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	592983	53.378	ng	0.00
79) Terphenyl-d14	19.825	244	990345	59.298	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.262	88	69217	39.327	ng	99
3) Pyridine	3.661	79	176215	36.723	ng	97
4) n-Nitrosodimethylamine	3.579	42	96476	47.452	ng	98
6) Aniline	7.139	93	168474	27.075	ng	99
8) 2-Chlorophenol	7.380	128	201636	56.588	ng	97
9) Benzaldehyde	6.951	77	124170	45.220	ng	99
10) Phenol	7.016	94	274666	55.634	ng	98
11) bis(2-Chloroethyl)ether	7.233	93	192611	49.486	ng	95
12) 1,3-Dichlorobenzene	7.698	146	201170	52.871	ng	98
13) 1,4-Dichlorobenzene	7.844	146	201207	52.666	ng	97
14) 1,2-Dichlorobenzene	8.162	146	198557	54.360	ng	99
15) Benzyl Alcohol	8.056	79	191165	59.643	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.338	45	322190	50.960	ng	99
17) 2-Methylphenol	8.262	107	186452	51.651	ng	96
18) Hexachloroethane	8.890	117	74731	53.817	ng	95
19) n-Nitroso-di-n-propyla...	8.620	70	157899	48.367	ng	98
20) 3+4-Methylphenols	8.591	107	256097	52.448	ng	99
22) Acetophenone	8.638	105	312776	48.341	ng	99
24) Nitrobenzene	9.020	77	239279	47.849	ng	97
25) Isophorone	9.537	82	459372	45.199	ng	99
26) 2-Nitrophenol	9.730	139	113137	51.974	ng	97
27) 2,4-Dimethylphenol	9.795	122	176938	49.004	ng	97
28) bis(2-Chloroethoxy)met...	10.024	93	266473	48.179	ng	98
29) 2,4-Dichlorophenol	10.265	162	199753	53.282	ng	98
30) 1,2,4-Trichlorobenzene	10.477	180	218693	50.582	ng	97
31) Naphthalene	10.665	128	611099	47.982	ng	99
32) Benzoic acid	9.971	122	158066	56.456	ng	99
33) 4-Chloroaniline	10.776	127	85051	15.806	ng	97
34) Hexachlorobutadiene	10.941	225	138305	49.673	ng	99
35) Caprolactam	11.575	113	65966m	47.649	ng	
36) 4-Chloro-3-methylphenol	11.916	107	237328	51.175	ng	99
37) 2-Methylnaphthalene	12.280	142	416793	45.750	ng	98
38) 1-Methylnaphthalene	12.498	142	407354	47.039	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	250533	49.017	ng	99
41) Hexachlorocyclopentadiene	12.627	237	209521	87.554	ng	97
43) 2,4,6-Trichlorophenol	12.892	196	181216	51.547	ng	97

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44) 2,4,5-Trichlorophenol	12.968	196	199217	48.111	ng	98
46) 1,1'-Biphenyl	13.291	154	550504	48.150	ng	99
47) 2-Chloronaphthalene	13.338	162	447047	50.148	ng	99
48) 2-Nitroaniline	13.544	65	166821	49.028	ng	98
49) Acenaphthylene	14.184	152	730221	48.926	ng	99
50) Dimethylphthalate	13.920	163	648881	51.897	ng	100
51) 2,6-Dinitrotoluene	14.043	165	130802	47.678	ng	98
52) Acenaphthene	14.525	154	408614	47.382	ng	99
53) 3-Nitroaniline	14.372	138	91467	33.324	ng	99
54) 2,4-Dinitrophenol	14.590	184	131841	84.759	ng	100
55) Dibenzofuran	14.860	168	691774	46.683	ng	99
56) 4-Nitrophenol	14.695	139	201275	98.174	ng	98
57) 2,4-Dinitrotoluene	14.836	165	182448	47.970	ng	99
58) Fluorene	15.512	166	543206	46.144	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.089	232	172728	48.885	ng	100
60) Diethylphthalate	15.283	149	574501	45.102	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	301572	45.950	ng	99
62) 4-Nitroaniline	15.541	138	122652	47.171	ng	98
63) Azobenzene	15.794	77	576156	45.923	ng	98
65) 4,6-Dinitro-2-methylph...	15.600	198	99832	48.776	ng	98
66) n-Nitrosodiphenylamine	15.718	169	479309	49.611	ng	99
67) 4-Bromophenyl-phenylether	16.399	248	206592	49.069	ng	97
68) Hexachlorobenzene	16.517	284	230380	51.639	ng	99
69) Atrazine	16.669	200	190634	58.451	ng	99
70) Pentachlorophenol	16.863	266	245572	90.940	ng	98
71) Phenanthrene	17.251	178	840231	47.730	ng	99
72) Anthracene	17.339	178	858186	47.511	ng	99
73) Carbazole	17.615	167	791116	49.667	ng	99
74) Di-n-butylphthalate	18.168	149	985160	49.378	ng	100
75) Fluoranthene	19.266	202	1005565	47.553	ng	100
77) Benzidine	19.449	184	416723	87.499	ng	98
78) Pyrene	19.631	202	1034670	48.407	ng	100
80) Butylbenzylphthalate	20.512	149	445669	50.761	ng	99
81) Benzo(a)anthracene	21.434	228	1069373	49.476	ng	100
82) 3,3'-Dichlorobenzidine	21.352	252	260684	35.671	ng	100
83) Chrysene	21.499	228	988263	47.688	ng	100
84) Bis(2-ethylhexyl)phtha...	21.335	149	640933	49.956	ng	99
85) Di-n-octyl phthalate	22.486	149	1146558	50.830	ng	100
87) Indeno(1,2,3-cd)pyrene	28.033	276	1385684	51.340	ng	# 91
88) Benzo(b)fluoranthene	23.550	252	1119559	50.878	ng	99
89) Benzo(k)fluoranthene	23.614	252	1105666	50.017	ng	98
90) Benzo(a)pyrene	24.384	252	1021996	47.292	ng	98
91) Dibenzo(a,h)anthracene	28.085	278	1139508	51.059	ng	99
92) Benzo(g,h,i)perylene	29.120	276	1103035	49.289	ng	98

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

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