

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122722\
 Data File : BG056132.D
 Acq On : 27 Dec 2022 19:01
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022
 Supervised By : Jagrut Upadhyay 12/28/2022

Quant Time: Dec 28 04:55:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 04:51:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	44616	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	167505	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	145127	20.000	ng	0.00
64) Phenanthrene-d10	17.679	188	377578	20.000	ng	0.00
76) Chrysene-d12	21.980	240	362695	20.000	ng	0.00
86) Perylene-d12	25.423	264	399880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.852	112	284046	149.305	ng	0.00
7) Phenol-d6	7.473	99	442507	180.850	ng	0.00
23) Nitrobenzene-d5	9.512	82	393395	164.122	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	220999	63.153	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	1244872	120.302	ng	0.00
79) Terphenyl-d14	20.253	244	2332611	113.667	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	63859	115.342	ng	97
3) Pyridine	4.095	79	204482	112.228	ng	99
4) n-Nitrosodimethylamine	4.001	42	40248	24.573	ng	# 93
6) Aniline	7.650	93	291263	99.423	ng	98
8) 2-Chlorophenol	7.896	128	146940	59.868	ng	96
9) Benzaldehyde	7.462	77	120283	78.275	ng	97
10) Phenol	7.497	94	225162	84.081	ng	96
11) bis(2-Chloroethyl)ether	7.744	93	147657	84.650	ng	94
12) 1,3-Dichlorobenzene	8.226	146	171036	53.870	ng	93
13) 1,4-Dichlorobenzene	8.372	146	174250	53.702	ng	100
14) 1,2-Dichlorobenzene	8.701	146	167143	53.900	ng	99
15) Benzyl Alcohol	8.572	79	163326	64.240	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.860	45	25024	11.023	ng	91
17) 2-Methylphenol	8.766	107	166912	79.219	ng	99
18) Hexachloroethane	9.436	117	51644	52.433	ng	93
19) n-Nitroso-di-n-propyla...	9.142	70	128957	73.528	ng	97
20) 3+4-Methylphenols	9.101	107	238431	79.299	ng	98
22) Acetophenone	9.166	105	279931	67.415	ng	# 99
24) Nitrobenzene	9.559	77	191690	79.451	ng	97
25) Isophorone	10.076	82	405630	80.703	ng	98
26) 2-Nitrophenol	10.270	139	101445	71.027	ng	97
27) 2,4-Dimethylphenol	10.311	122	179963	75.026	ng	96
28) bis(2-Chloroethoxy)met...	10.552	93	207053	93.209	ng	99
29) 2,4-Dichlorophenol	10.805	162	208132	61.133	ng	93
30) 1,2,4-Trichlorobenzene	11.028	180	224716	50.775	ng	91
31) Naphthalene	11.222	128	531176	60.099	ng	99
32) Benzoic acid	10.458	122	146282	79.054	ng	96
33) 4-Chloroaniline	11.316	127	253528	66.913	ng	98
34) Hexachlorobutadiene	11.498	225	161592	38.837	ng	95
35) Caprolactam	12.097	113	67712	71.383	ng	93
36) 4-Chloro-3-methylphenol	12.409	107	209722	65.693	ng	97
37) 2-Methylnaphthalene	12.803	142	444711	56.951	ng	98
38) 1-Methylnaphthalene	13.020	142	416644	54.771	ng	96
40) 1,2,4,5-Tetrachloroben...	13.161	216	328779	53.694	ng	98
41) Hexachlorocyclopentadiene	13.137	237	196028	56.432	ng	96
43) 2,4,6-Trichlorophenol	13.390	196	221052	60.986	ng	98

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44) 2,4,5-Trichlorophenol	13.461	196	256962	62.890	ng	99
46) 1,1'-Biphenyl	13.790	154	620984	63.127	ng	99
47) 2-Chloronaphthalene	13.837	162	493910	61.793	ng	97
48) 2-Nitroaniline	14.025	65	109792	82.115	ng	93
49) Acenaphthylene	14.677	152	795590	62.358	ng	99
50) Dimethylphthalate	14.389	163	688499	54.873	ng	98
51) 2,6-Dinitrotoluene	14.512	165	150393	77.456	ng	97
52) Acenaphthene	15.012	154	526026	61.415	ng	99
53) 3-Nitroaniline	14.841	138	144259	73.044	ng	# 98
54) 2,4-Dinitrophenol	15.041	184	113103	78.356	ng	97
55) Dibenzofuran	15.341	168	853114	59.231	ng	96
56) 4-Nitrophenol	15.129	139	111466	70.431	ng	95
57) 2,4-Dinitrotoluene	15.294	165	213949	72.999	ng	93
58) Fluorene	15.987	166	678831	57.655	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.558	232	244409m	52.360	ng	
60) Diethylphthalate	15.734	149	638492	52.064	ng	99
61) 4-Chlorophenyl-phenyle...	15.969	204	429000	53.486	ng	100
62) 4-Nitroaniline	15.999	138	145184	67.503	ng	97
63) Azobenzene	16.263	77	491212	65.808	ng	98
65) 4,6-Dinitro-2-methylph...	16.052	198	160865	89.186	ng	96
66) n-Nitrosodiphenylamine	16.181	169	626907	63.359	ng	98
67) 4-Bromophenyl-phenylether	16.862	248	286478	51.779	ng	99
68) Hexachlorobenzene	16.986	284	268042	39.332	ng	95
69) Atrazine	17.115	200	255647	57.062	ng	98
70) Pentachlorophenol	17.327	266	220397	56.570	ng	97
71) Phenanthrene	17.726	178	1159749	58.611	ng	99
72) Anthracene	17.814	178	1186058	60.588	ng	100
73) Carbazole	18.079	167	997725	61.797	ng	99
74) Di-n-butylphthalate	18.607	149	1007109	53.638	ng	99
75) Fluoranthene	19.712	202	1493613	53.906	ng	99
77) Benzidine	19.877	184	751287	117.950	ng	99
78) Pyrene	20.070	202	1485690	67.695	ng	98
80) Butylbenzylphthalate	20.934	149	444587	71.489	ng	97
81) Benzo(a)anthracene	21.956	228	1514550	59.343	ng	99
82) 3,3'-Dichlorobenzidine	21.857	252	540932	58.909	ng	97
83) Chrysene	22.027	228	1413740	59.104	ng	99
84) Bis(2-ethylhexyl)phtha...	21.827	149	628704	68.046	ng	99
85) Di-n-octyl phthalate	23.114	149	1059106	67.576	ng	100
87) Indeno(1,2,3-cd)pyrene	29.424	276	1774359	55.180	ng	99
88) Benzo(b)fluoranthene	24.324	252	1546422	59.754	ng	99
89) Benzo(k)fluoranthene	24.401	252	1491785	57.775	ng	100
90) Benzo(a)pyrene	25.270	252	1470467	67.219	ng	99
91) Dibenzo(a,h)anthracene	29.489	278	1459609	54.232	ng	98
92) Benzo(g,h,i)perylene	30.670	276	1430336	54.966	ng	98

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

