

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040722\
 Data File : BG053070.D
 Acq On : 7 Apr 2022 12:24
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/08/2022
 Supervised By : Jagrut Upadhyay 04/08/2022

Quant Time: Apr 08 07:22:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.126	152	33314	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	130508	20.000	ng	# 0.00
39) Acenaphthene-d10	14.752	164	98697	20.000	ng	0.00
64) Phenanthrene-d10	17.496	188	233285	20.000	ng	0.00
76) Chrysene-d12	21.784	240	206308	20.000	ng	0.00
86) Perylene-d12	25.085	264	213730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	146906	76.796	ng	0.00
7) Phenol-d6	7.286	99	232378	80.576	ng	0.00
23) Nitrobenzene-d5	9.289	82	253033	97.310	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	121670	91.742	ng	0.00
45) 2-Fluorobiphenyl	13.378	172	561137	83.852	ng	0.00
79) Terphenyl-d14	20.098	244	963896	83.110	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.579	88	33125	34.617	ng	# 89
3) Pyridine	3.979	79	97046	39.563	ng	# 90
4) n-Nitrosodimethylamine	3.891	42	46617	42.839	ng	80
6) Aniline	7.445	93	134858	39.880	ng	96
8) 2-Chlorophenol	7.691	128	80285	39.942	ng	93
9) Benzaldehyde	7.257	77	61406	38.273	ng	96
10) Phenol	7.315	94	115832	40.688	ng	87
11) bis(2-Chloroethyl)ether	7.539	93	82480	38.365	ng	90
12) 1,3-Dichlorobenzene	8.020	146	92640	38.279	ng	98
13) 1,4-Dichlorobenzene	8.161	146	92894	38.203	ng	96
14) 1,2-Dichlorobenzene	8.484	146	88297	38.395	ng	97
15) Benzyl Alcohol	8.361	79	105451	43.426	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.655	45	136702	36.513	ng	97
17) 2-Methylphenol	8.567	107	78914	41.581	ng	# 95
18) Hexachloroethane	9.219	117	35208	39.465	ng	92
19) n-Nitroso-di-n-propyla...	8.925	70	83407	40.834	ng	# 94
20) 3+4-Methylphenols	8.896	107	113161	42.607	ng	94
22) Acetophenone	8.948	105	144986	42.929	ng	# 94
24) Nitrobenzene	9.330	77	123777	47.575	ng	90
25) Isophorone	9.853	82	220666	43.827	ng	# 98
26) 2-Nitrophenol	10.041	139	52381	57.976	ng	89
27) 2,4-Dimethylphenol	10.100	122	75884	41.054	ng	92
28) bis(2-Chloroethoxy)met...	10.329	93	123551	41.501	ng	97
29) 2,4-Dichlorophenol	10.587	162	94322	45.349	ng	99
30) 1,2,4-Trichlorobenzene	10.799	180	105088	42.830	ng	95
31) Naphthalene	10.993	128	276657	40.994	ng	99
32) Benzoic acid	10.247	122	52489m	39.394	ng	
33) 4-Chloroaniline	11.093	127	118834	41.545	ng	96
34) Hexachlorobutadiene	11.281	225	78336	44.530	ng	97
35) Caprolactam	11.862	113	33166	58.398	ng	# 75
36) 4-Chloro-3-methylphenol	12.209	107	110187	45.621	ng	96
37) 2-Methylnaphthalene	12.591	142	204063	41.288	ng	96
38) 1-Methylnaphthalene	12.808	142	199203	41.298	ng	96
40) 1,2,4,5-Tetrachloroben...	12.955	216	132176	42.866	ng	99
41) Hexachlorocyclopentadiene	12.937	237	69796	38.187	ng	93
43) 2,4,6-Trichlorophenol	13.190	196	91597	46.386	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.266	196	97267	48.530	ng	98
46) 1,1'-Biphenyl	13.583	154	277928	40.266	ng	100
47) 2-Chloronaphthalene	13.630	162	223649	41.145	ng	95
48) 2-Nitroaniline	13.824	65	83922	56.453	ng	90
49) Acenaphthylene	14.476	152	353761	40.827	ng	98
50) Dimethylphthalate	14.200	163	304537	41.517	ng	97
51) 2,6-Dinitrotoluene	14.318	165	62810	50.716	ng	# 83
52) Acenaphthene	14.817	154	237650	42.811	ng	98
53) 3-Nitroaniline	14.647	138	68130	47.012	ng	86
54) 2,4-Dinitrophenol	14.852	184	41083	60.857	ng	92
55) Dibenzofuran	15.146	168	367809	40.574	ng	96
56) 4-Nitrophenol	14.952	139	51770	43.793	ng	# 77
57) 2,4-Dinitrotoluene	15.099	165	90687	52.775	ng	# 88
58) Fluorene	15.798	166	290859	39.361	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.375	232	93812	43.790	ng	99
60) Diethylphthalate	15.551	149	309280	39.944	ng	99
61) 4-Chlorophenyl-phenyle...	15.780	204	163843	40.204	ng	98
62) 4-Nitroaniline	15.810	138	69871	45.629	ng	# 72
63) Azobenzene	16.074	77	319246	38.576	ng	97
65) 4,6-Dinitro-2-methylph...	15.869	198	61500	59.133	ng	95
66) n-Nitrosodiphenylamine	15.998	169	261576	39.827	ng	99
67) 4-Bromophenyl-phenylether	16.679	248	115854	41.192	ng	97
68) Hexachlorobenzene	16.803	284	123191	40.750	ng	94
69) Atrazine	16.938	200	96820	39.980	ng	96
70) Pentachlorophenol	17.149	266	68707	36.634	ng	93
71) Phenanthrene	17.537	178	490639	39.314	ng	97
72) Anthracene	17.625	178	477391	38.695	ng	100
73) Carbazole	17.895	167	462059	37.815	ng	99
74) Di-n-butylphthalate	18.442	149	511168	38.294	ng	98
75) Fluoranthene	19.540	202	590385	37.267	ng	98
77) Benzidine	19.710	184	184849	34.739	ng	97
78) Pyrene	19.904	202	591000	41.297	ng	98
80) Butylbenzylphthalate	20.780	149	215144	42.381	ng	99
81) Benzo(a)anthracene	21.761	228	551979	39.956	ng	98
82) 3,3'-Dichlorobenzidine	21.672	252	196350	40.248	ng	98
83) Chrysene	21.831	228	514348	39.604	ng	100
84) Bis(2-ethylhexyl)phtha...	21.655	149	287659	41.667	ng	97
85) Di-n-octyl phthalate	22.888	149	477319	41.531	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.869	276	614556	42.009	ng	# 98
88) Benzo(b)fluoranthene	24.034	252	515439	38.841	ng	98
89) Benzo(k)fluoranthene	24.104	252	514858	39.433	ng	98
90) Benzo(a)pyrene	24.927	252	439805	39.152	ng	97
91) Dibenzo(a,h)anthracene	28.939	278	501730	41.622	ng	98
92) Benzo(g,h,i)perylene	30.061	276	494525	41.462	ng	96

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

