

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056273.D
 Acq On : 12 Jan 2023 18:07
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
 Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 04:28:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.314	152	50203	20.000	ng	0.00
21) Naphthalene-d8	11.152	136	188486	20.000	ng	# 0.00
39) Acenaphthene-d10	14.930	164	152741	20.000	ng	0.00
64) Phenanthrene-d10	17.668	188	378020	20.000	ng	0.00
76) Chrysene-d12	21.962	240	363738	20.000	ng	0.00
86) Perylene-d12	25.406	264	393157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.834	112	223433	79.465	ng	0.00
7) Phenol-d6	7.450	99	332641	77.036	ng	0.00
23) Nitrobenzene-d5	9.495	82	283125	76.835	ng	0.00
42) 2,4,6-Tribromophenol	16.410	330	155292	80.277	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	924530	83.585	ng	0.00
79) Terphenyl-d14	20.241	244	1605414	79.051	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.649	88	48565	37.815	ng	96
3) Pyridine	4.066	79	143809	36.765	ng	# 95
4) n-Nitrosodimethylamine	3.978	42	30060	37.778	ng	93
6) Aniline	7.632	93	209333	36.968	ng	97
8) 2-Chlorophenol	7.873	128	110487	39.489	ng	98
9) Benzaldehyde	7.438	77	84692	32.987	ng	94
10) Phenol	7.479	94	167058	38.149	ng	93
11) bis(2-Chloroethyl)ether	7.720	93	112665	37.965	ng	97
12) 1,3-Dichlorobenzene	8.208	146	136131	39.977	ng	94
13) 1,4-Dichlorobenzene	8.355	146	134865	39.440	ng	97
14) 1,2-Dichlorobenzene	8.678	146	130464	39.541	ng	99
15) Benzyl Alcohol	8.549	79	117249	37.309	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.837	45	22365	42.648	ng	88
17) 2-Methylphenol	8.749	107	123733	38.507	ng	96
18) Hexachloroethane	9.418	117	42353	40.771	ng	97
19) n-Nitroso-di-n-propyla...	9.119	70	97109	36.984	ng	98
20) 3+4-Methylphenols	9.078	107	173096	38.316	ng	97
22) Acetophenone	9.142	105	203608	38.204	ng	# 99
24) Nitrobenzene	9.536	77	139004	38.065	ng	98
25) Isophorone	10.053	82	290263	37.439	ng	97
26) 2-Nitrophenol	10.247	139	77410	41.431	ng	97
27) 2,4-Dimethylphenol	10.288	122	130928	38.420	ng	97
28) bis(2-Chloroethoxy)met...	10.529	93	158748	39.396	ng	98
29) 2,4-Dichlorophenol	10.787	162	152822	40.563	ng	97
30) 1,2,4-Trichlorobenzene	11.005	180	170319	39.837	ng	98
31) Naphthalene	11.199	128	397419	40.063	ng	100
32) Benzoic acid	10.411	122	96197	38.045	ng	93
33) 4-Chloroaniline	11.299	127	181949	38.418	ng	97
34) Hexachlorobutadiene	11.475	225	125231	40.726	ng	96
35) Caprolactam	12.068	113	45130	35.381	ng	90
36) 4-Chloro-3-methylphenol	12.391	107	147800	38.661	ng	98
37) 2-Methylnaphthalene	12.779	142	331250	39.548	ng	98
38) 1-Methylnaphthalene	12.997	142	309383	39.777	ng	# 96
40) 1,2,4,5-Tetrachloroben...	13.143	216	243934	42.611	ng	99
41) Hexachlorocyclopentadiene	13.120	237	138809	42.530	ng	99
43) 2,4,6-Trichlorophenol	13.367	196	159590	42.159	ng	98

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44) 2,4,5-Trichlorophenol	13.443	196	183177	40.907	ng	98
46) 1,1'-Biphenyl	13.766	154	455128	41.607	ng	98
47) 2-Chloronaphthalene	13.819	162	358368	41.506	ng	98
48) 2-Nitroaniline	14.007	65	76768	41.730	ng	100
49) Acenaphthylene	14.659	152	567560	40.394	ng	99
50) Dimethylphthalate	14.371	163	488602	39.627	ng	100
51) 2,6-Dinitrotoluene	14.495	165	104641	39.828	ng	96
52) Acenaphthene	14.994	154	376313	41.179	ng	99
53) 3-Nitroaniline	14.824	138	98553	39.414	ng	99
54) 2,4-Dinitrophenol	15.029	184	73040	38.914	ng	96
55) Dibenzofuran	15.323	168	614940	40.664	ng	97
56) 4-Nitrophenol	15.112	139	74460	38.719	ng	97
57) 2,4-Dinitrotoluene	15.276	165	148208	40.336	ng	92
58) Fluorene	15.970	166	480203	39.480	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.541	232	165947m	39.469	ng	
60) Diethylphthalate	15.717	149	450219	38.935	ng	100
61) 4-Chlorophenyl-phenyle...	15.952	204	305029	40.185	ng	98
62) 4-Nitroaniline	15.981	138	100430	39.210	ng	95
63) Azobenzene	16.246	77	345025	38.666	ng	98
65) 4,6-Dinitro-2-methylph...	16.034	198	110622	43.434	ng	98
66) n-Nitrosodiphenylamine	16.163	169	443400	42.276	ng	97
67) 4-Bromophenyl-phenylether	16.845	248	201187	41.795	ng	96
68) Hexachlorobenzene	16.974	284	187768	41.809	ng	97
69) Atrazine	17.098	200	169475	38.989	ng	96
70) Pentachlorophenol	17.309	266	139755	40.510	ng	98
71) Phenanthrene	17.709	178	790161	40.335	ng	99
72) Anthracene	17.803	178	811020	40.132	ng	99
73) Carbazole	18.061	167	676145	39.804	ng	98
74) Di-n-butylphthalate	18.590	149	699679	41.320	ng	99
75) Fluoranthene	19.700	202	1005562	39.351	ng	99
77) Benzidine	19.865	184	356171	27.942	ng	99
78) Pyrene	20.059	202	1020493	39.804	ng	99
80) Butylbenzylphthalate	20.917	149	302798	41.167	ng	99
81) Benzo(a)anthracene	21.939	228	1024396	40.097	ng	100
82) 3,3'-Dichlorobenzidine	21.839	252	368911	40.113	ng	97
83) Chrysene	22.009	228	956045	39.950	ng	98
84) Bis(2-ethylhexyl)phtha...	21.804	149	438806	41.409	ng	99
85) Di-n-octyl phthalate	23.085	149	738367	41.274	ng	100
87) Indeno(1,2,3-cd)pyrene	29.366	276	1187789	41.541	ng	# 97
88) Benzo(b)fluoranthene	24.301	252	1018071	40.756	ng	99
89) Benzo(k)fluoranthene	24.371	252	1027298	41.299	ng	98
90) Benzo(a)pyrene	25.241	252	1008214	41.381	ng	99
91) Dibenzo(a,h)anthracene	29.430	278	987234	41.182	ng	100
92) Benzo(g,h,i)perylene	30.617	276	955699	41.111	ng	97

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

