

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056420.D
 Acq On : 25 Jan 2023 11:07
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/26/2023
 Supervised By : Jagrut Upadhyay 01/26/2023

Quant Time: Jan 26 01:10:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.291	152	37024	20.000	ng	0.00
21) Naphthalene-d8	11.123	136	148377	20.000	ng	0.00
39) Acenaphthene-d10	14.913	164	120081	20.000	ng	0.00
64) Phenanthrene-d10	17.651	188	282928	20.000	ng	0.00
76) Chrysene-d12	21.946	240	249471	20.000	ng	# 0.00
86) Perylene-d12	25.377	264	271473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.812	112	169245	81.619	ng	0.00
7) Phenol-d6	7.439	99	247891	77.844	ng	0.00
23) Nitrobenzene-d5	9.472	82	213797	73.704	ng	0.00
42) 2,4,6-Tribromophenol	16.393	330	125797	82.717	ng	0.00
45) 2-Fluorobiphenyl	13.538	172	714628	82.180	ng	0.00
79) Terphenyl-d14	20.224	244	1159772	83.265	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.620	88	35281	37.250	ng	94
3) Pyridine	4.043	79	102855	35.655	ng	# 89
4) n-Nitrosodimethylamine	3.949	42	23047	39.275	ng	95
6) Aniline	7.610	93	160897	38.528	ng	99
8) 2-Chlorophenol	7.856	128	91290	44.242	ng	94
9) Benzaldehyde	7.422	77	78607	41.515	ng	97
10) Phenol	7.463	94	126077	39.039	ng	97
11) bis(2-Chloroethyl)ether	7.698	93	87796	40.116	ng	97
12) 1,3-Dichlorobenzene	8.185	146	108095m	43.043	ng	
13) 1,4-Dichlorobenzene	8.332	146	109934	43.593	ng	97
14) 1,2-Dichlorobenzene	8.655	146	105493	43.354	ng	98
15) Benzyl Alcohol	8.526	79	85081	36.710	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.820	45	20359	52.642	ng	# 74
17) 2-Methylphenol	8.732	107	96481	40.714	ng	95
18) Hexachloroethane	9.390	117	33399	43.596	ng	93
19) n-Nitroso-di-n-propyla...	9.096	70	70723	36.522	ng	95
20) 3+4-Methylphenols	9.061	107	134748	40.445	ng	98
22) Acetophenone	9.120	105	159676	38.060	ng	# 100
24) Nitrobenzene	9.513	77	105208	36.599	ng	93
25) Isophorone	10.036	82	214121	35.083	ng	95
26) 2-Nitrophenol	10.230	139	61890	42.079	ng	99
27) 2,4-Dimethylphenol	10.277	122	106190	39.584	ng	92
28) bis(2-Chloroethoxy)met...	10.506	93	121295	38.238	ng	98
29) 2,4-Dichlorophenol	10.771	162	119455	40.277	ng	96
30) 1,2,4-Trichlorobenzene	10.982	180	135208	40.173	ng	94
31) Naphthalene	11.182	128	327182	41.899	ng	99
32) Benzoic acid	10.418	122	59997	30.143	ng	# 84
33) 4-Chloroaniline	11.282	127	145976	39.154	ng	95
34) Hexachlorobutadiene	11.452	225	97061	40.098	ng	98
35) Caprolactam	12.057	113	35807	35.660	ng	85
36) 4-Chloro-3-methylphenol	12.380	107	113526	37.723	ng	95
37) 2-Methylnaphthalene	12.762	142	265093	40.205	ng	98
38) 1-Methylnaphthalene	12.980	142	244994	40.013	ng	96
40) 1,2,4,5-Tetrachloroben...	13.121	216	183352	40.739	ng	100
41) Hexachlorocyclopentadiene	13.097	237	102836	40.078	ng	97
43) 2,4,6-Trichlorophenol	13.356	196	119126	40.029	ng	97

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44) 2,4,5-Trichlorophenol	13.432	196	136185	38.685	ng	99
46) 1,1'-Biphenyl	13.749	154	363600	42.280	ng	97
47) 2-Chloronaphthalene	13.802	162	281444	41.462	ng	97
48) 2-Nitroaniline	13.996	65	57618	39.839	ng	91
49) Acenaphthylene	14.642	152	453123	41.021	ng	98
50) Dimethylphthalate	14.349	163	378514	39.048	ng	100
51) 2,6-Dinitrotoluene	14.478	165	82276	39.833	ng	93
52) Acenaphthene	14.977	154	292468m	40.709	ng	
53) 3-Nitroaniline	14.813	138	79719	40.553	ng	90
54) 2,4-Dinitrophenol	15.019	184	51391	34.827	ng	# 95
55) Dibenzofuran	15.306	168	471190	39.633	ng	97
56) 4-Nitrophenol	15.113	139	52020	34.408	ng	87
57) 2,4-Dinitrotoluene	15.265	165	115739	40.066	ng	# 87
58) Fluorene	15.953	166	373139	39.022	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.530	232	117720	35.614	ng	96
60) Diethylphthalate	15.700	149	348054	38.286	ng	100
61) 4-Chlorophenyl-phenyle...	15.929	204	229287	38.423	ng	97
62) 4-Nitroaniline	15.970	138	79650	39.555	ng	90
63) Azobenzene	16.223	77	251583	35.862	ng	97
65) 4,6-Dinitro-2-methylph...	16.035	198	81770	42.897	ng	99
66) n-Nitrosodiphenylamine	16.147	169	335453	42.733	ng	98
67) 4-Bromophenyl-phenylether	16.828	248	153013	42.471	ng	97
68) Hexachlorobenzene	16.957	284	147355	43.838	ng	98
69) Atrazine	17.081	200	131709	40.484	ng	97
70) Pentachlorophenol	17.298	266	98169	38.019	ng	97
71) Phenanthrene	17.692	178	598207	40.799	ng	98
72) Anthracene	17.786	178	618093	40.865	ng	99
73) Carbazole	18.050	167	518497	40.783	ng	97
74) Di-n-butylphthalate	18.573	149	539470	42.566	ng	99
75) Fluoranthene	19.684	202	717717	37.526	ng	99
77) Benzidine	19.848	184	329668	37.708	ng	98
78) Pyrene	20.042	202	722582	41.094	ng	99
80) Butylbenzylphthalate	20.900	149	219220	43.456	ng	94
81) Benzo(a)anthracene	21.922	228	710220	40.533	ng	98
82) 3,3'-Dichlorobenzidine	21.822	252	258447	40.974	ng	98
83) Chrysene	21.993	228	665599	40.553	ng	98
84) Bis(2-ethylhexyl)phtha...	21.775	149	315730	43.442	ng	97
85) Di-n-octyl phthalate	23.050	149	521840	42.532	ng	100
87) Indeno(1,2,3-cd)pyrene	29.337	276	814912	41.275	ng	# 97
88) Benzo(b)fluoranthene	24.278	252	696244	40.366	ng	100
89) Benzo(k)fluoranthene	24.349	252	697370	40.602	ng	99
90) Benzo(a)pyrene	25.212	252	683634	40.636	ng	99
91) Dibenzo(a,h)anthracene	29.402	278	692044	41.808	ng	99
92) Benzo(g,h,i)perylene	30.577	276	655383	40.829	ng	97

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

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