

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056380.D
 Acq On : 23 Jan 2023 11:41
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 01:18:36 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 19 00:31:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	35880	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	143339	20.000	ng	0.00
39) Acenaphthene-d10	14.920	164	121624	20.000	ng	0.00
64) Phenanthrene-d10	17.652	188	314903	20.000	ng	0.00
76) Chrysene-d12	21.947	240	266234	20.000	ng	# 0.00
86) Perylene-d12	25.384	264	293224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.813	112	162397	80.814	ng	-0.01
7) Phenol-d6	7.441	99	250273	81.098	ng	0.00
23) Nitrobenzene-d5	9.474	82	221113	78.906	ng	-0.01
42) 2,4,6-Tribromophenol	16.401	330	130429	84.675	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	697752	79.222	ng	0.00
79) Terphenyl-d14	20.226	244	1253290	84.313	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.622	88	33028	35.983	ng	# 91
3) Pyridine	4.045	79	108532	38.822	ng	# 91
4) n-Nitrosodimethylamine	3.951	42	22137	38.927	ng	# 90
6) Aniline	7.611	93	166000	41.018	ng	97
8) 2-Chlorophenol	7.858	128	86206	43.110	ng	93
9) Benzaldehyde	7.423	77	62592	34.111	ng	94
10) Phenol	7.470	94	126175	40.315	ng	95
11) bis(2-Chloroethyl)ether	7.699	93	87036	41.037	ng	98
12) 1,3-Dichlorobenzene	8.187	146	99029	40.690	ng	93
13) 1,4-Dichlorobenzene	8.334	146	100688	41.199	ng	98
14) 1,2-Dichlorobenzene	8.657	146	97986	41.552	ng	99
15) Benzyl Alcohol	8.534	79	89561	39.875	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.816	45	21041	56.140	ng	# 66
17) 2-Methylphenol	8.733	107	94812	41.286	ng	96
18) Hexachloroethane	9.391	117	31815	42.852	ng	92
19) n-Nitroso-di-n-propyla...	9.104	70	73246	39.031	ng	97
20) 3+4-Methylphenols	9.062	107	134958	41.799	ng	97
22) Acetophenone	9.127	105	160363	39.567	ng	# 99
24) Nitrobenzene	9.515	77	108180	38.955	ng	99
25) Isophorone	10.038	82	226698	38.450	ng	96
26) 2-Nitrophenol	10.232	139	59384	41.794	ng	96
27) 2,4-Dimethylphenol	10.279	122	103873m	40.081	ng	
28) bis(2-Chloroethoxy)met...	10.514	93	121663	39.702	ng	96
29) 2,4-Dichlorophenol	10.772	162	115076	40.165	ng	97
30) 1,2,4-Trichlorobenzene	10.990	180	125420	38.575	ng	99
31) Naphthalene	11.184	128	314679	41.714	ng	99
32) Benzoic acid	10.420	122	60799	31.619	ng	92
33) 4-Chloroaniline	11.283	127	151130	41.961	ng	97
34) Hexachlorobutadiene	11.454	225	85137	36.408	ng	98
35) Caprolactam	12.059	113	41723	43.012	ng	87
36) 4-Chloro-3-methylphenol	12.388	107	120133	41.322	ng	98
37) 2-Methylnaphthalene	12.770	142	255478	40.109	ng	98
38) 1-Methylnaphthalene	12.981	142	241626	40.850	ng	97
40) 1,2,4,5-Tetrachloroben...	13.128	216	178402	39.137	ng	99
41) Hexachlorocyclopentadiene	13.099	237	84576	32.543	ng	98
43) 2,4,6-Trichlorophenol	13.363	196	118710	39.383	ng	97

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44) 2,4,5-Trichlorophenol	13.440	196	140098	39.291	ng	97
46) 1,1'-Biphenyl	13.757	154	359555	41.279	ng	99
47) 2-Chloronaphthalene	13.804	162	282387	41.073	ng	98
48) 2-Nitroaniline	13.998	65	66962	45.713	ng	97
49) Acenaphthylene	14.644	152	465540	41.610	ng	100
50) Dimethylphthalate	14.356	163	403510	41.098	ng	99
51) 2,6-Dinitrotoluene	14.486	165	88867	42.478	ng	93
52) Acenaphthene	14.985	154	306120m	42.069	ng	
53) 3-Nitroaniline	14.815	138	89368	44.885	ng	97
54) 2,4-Dinitrophenol	15.026	184	56863	38.046	ng	98
55) Dibenzofuran	15.314	168	495628	41.160	ng	98
56) 4-Nitrophenol	15.114	139	63243	41.300	ng	89
57) 2,4-Dinitrotoluene	15.267	165	128015	43.754	ng	95
58) Fluorene	15.954	166	396397	40.928	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.537	232	123678m	36.942	ng	
60) Diethylphthalate	15.702	149	384446	41.753	ng	99
61) 4-Chlorophenyl-phenyle...	15.937	204	243087	40.218	ng	98
62) 4-Nitroaniline	15.972	138	90195	44.224	ng	90
63) Azobenzene	16.231	77	293419	41.295	ng	98
65) 4,6-Dinitro-2-methylph...	16.037	198	89322	42.101	ng	92
66) n-Nitrosodiphenylamine	16.154	169	366062	41.897	ng	97
67) 4-Bromophenyl-phenylether	16.830	248	164204	40.949	ng	97
68) Hexachlorobenzene	16.965	284	158722	42.425	ng	97
69) Atrazine	17.088	200	145123	40.078	ng	98
70) Pentachlorophenol	17.306	266	100837	35.087	ng	97
71) Phenanthrene	17.699	178	670916	41.112	ng	98
72) Anthracene	17.788	178	689914	40.982	ng	100
73) Carbazole	18.052	167	580326	41.011	ng	99
74) Di-n-butylphthalate	18.581	149	597887	42.386	ng	99
75) Fluoranthene	19.685	202	793119	37.258	ng	99
77) Benzidine	19.856	184	322594	34.576	ng	98
78) Pyrene	20.050	202	799553	42.608	ng	99
80) Butylbenzylphthalate	20.902	149	232154	43.122	ng	98
81) Benzo(a)anthracene	21.930	228	769310	41.141	ng	99
82) 3,3'-Dichlorobenzidine	21.830	252	272399	40.467	ng	95
83) Chrysene	22.000	228	720581	41.139	ng	98
84) Bis(2-ethylhexyl)phtha...	21.783	149	330342	42.591	ng	98
85) Di-n-octyl phthalate	23.064	149	554949	42.383	ng	100
87) Indeno(1,2,3-cd)pyrene	29.362	276	875271	41.044	ng	# 97
88) Benzo(b)fluoranthene	24.292	252	750325	40.274	ng	100
89) Benzo(k)fluoranthene	24.362	252	744156	40.112	ng	99
90) Benzo(a)pyrene	25.226	252	733134	40.346	ng	# 99
91) Dibenzo(a,h)anthracene	29.415	278	737188	41.232	ng	99
92) Benzo(g,h,i)perylene	30.608	276	711516	41.038	ng	97

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

