

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061323\
 Data File : BG057696.D
 Acq On : 13 Jun 2023 20:00
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 14 03:08:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:04:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	27854	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	123204	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	89061	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	213236	20.000	ng	0.00
76) Chrysene-d12	21.579	240	173101	20.000	ng	0.00
86) Perylene-d12	24.740	264	211203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	215042	125.710	ng	0.00
7) Phenol-d6	7.096	99	326476	124.233	ng	0.00
23) Nitrobenzene-d5	9.105	82	260547	123.380	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	137462	138.345	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	686850	114.957	ng	0.00
79) Terphenyl-d14	19.934	244	1073979	114.710	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.424	88	50323	57.783	ng	94
3) Pyridine	3.812	79	154065m	62.468	ng	
4) n-Nitrosodimethylamine	3.729	42	75168	62.514	ng	97
6) Aniline	7.272	93	212991	61.774	ng	97
8) 2-Chlorophenol	7.507	128	107427	65.499	ng	96
9) Benzaldehyde	7.078	77	85292	52.656	ng	95
10) Phenol	7.125	94	161956	63.070	ng	99
11) bis(2-Chloroethyl)ether	7.366	93	122942	61.084	ng	98
12) 1,3-Dichlorobenzene	7.830	146	112769	59.438	ng	98
13) 1,4-Dichlorobenzene	7.977	146	111805	59.437	ng	99
14) 1,2-Dichlorobenzene	8.294	146	109787	60.070	ng	99
15) Benzyl Alcohol	8.177	79	130780	64.979	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.471	45	261498	59.669	ng	99
17) 2-Methylphenol	8.377	107	119631	63.309	ng	96
18) Hexachloroethane	9.029	117	38715	66.600	ng	99
19) n-Nitroso-di-n-propyla...	8.753	70	116024	61.060	ng	97
20) 3+4-Methylphenols	8.706	107	166872	64.587	ng	98
22) Acetophenone	8.765	105	210394	58.782	ng	# 96
24) Nitrobenzene	9.146	77	140173	61.512	ng	99
25) Isophorone	9.669	82	343567	60.164	ng	99
26) 2-Nitrophenol	9.857	139	37503	60.354	ng	93
27) 2,4-Dimethylphenol	9.910	122	117645	61.696	ng	98
28) bis(2-Chloroethoxy)met...	10.151	93	178816	60.236	ng	98
29) 2,4-Dichlorophenol	10.386	162	111427	68.886	ng	99
30) 1,2,4-Trichlorobenzene	10.609	180	125989	59.927	ng	98
31) Naphthalene	10.797	128	392422	59.265	ng	99
32) Benzoic acid	10.063	122	67774	90.952	ng	97
33) 4-Chloroaniline	10.903	127	183156	59.412	ng	99
34) Hexachlorobutadiene	11.079	225	78630	59.474	ng	98
35) Caprolactam	11.691	113	45729	68.531	ng	# 90
36) 4-Chloro-3-methylphenol	12.020	107	153073	66.798	ng	100
37) 2-Methylnaphthalene	12.401	142	290071	59.213	ng	96
38) 1-Methylnaphthalene	12.619	142	272768	59.353	ng	99
40) 1,2,4,5-Tetrachloroben...	12.766	216	151706	60.174	ng	99
41) Hexachlorocyclopentadiene	12.748	237	69821	72.611	ng	96
43) 2,4,6-Trichlorophenol	13.007	196	103812	62.538	ng	99

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44) 2,4,5-Trichlorophenol	13.077	196	122307	62.323	ng	98
46) 1,1'-Biphenyl	13.412	154	364680	59.265	ng	98
47) 2-Chloronaphthalene	13.453	162	278812	59.949	ng	98
48) 2-Nitroaniline	13.653	65	89012	63.071	ng	98
49) Acenaphthylene	14.299	152	481379	59.683	ng	99
50) Dimethylphthalate	14.035	163	400814	61.379	ng	100
51) 2,6-Dinitrotoluene	14.146	165	67014	63.133	ng	99
52) Acenaphthene	14.640	154	289311	59.840	ng	100
53) 3-Nitroaniline	14.475	138	76579	62.928	ng #	94
54) 2,4-Dinitrophenol	14.675	184	21496	62.856	ng	98
55) Dibenzofuran	14.975	168	473975	58.405	ng	98
56) 4-Nitrophenol	14.775	139	60390	63.605	ng	99
57) 2,4-Dinitrotoluene	14.934	165	88399	63.911	ng #	97
58) Fluorene	15.621	166	369355	57.134	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	101936	62.245	ng	98
60) Diethylphthalate	15.398	149	421340	62.506	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	200023	57.754	ng	98
62) 4-Nitroaniline	15.645	138	79160	62.382	ng	97
63) Azobenzene	15.909	77	425562	58.715	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	35253	62.946	ng	90
66) n-Nitrosodiphenylamine	15.833	169	334194	59.954	ng	100
67) 4-Bromophenyl-phenylether	16.508	248	134371	61.886	ng	99
68) Hexachlorobenzene	16.620	284	137164	60.449	ng	98
69) Atrazine	16.779	200	116414	62.771	ng	99
70) Pentachlorophenol	16.961	266	97328	71.445	ng	96
71) Phenanthrene	17.360	178	607351	58.369	ng	99
72) Anthracene	17.454	178	618046	58.632	ng	100
73) Carbazole	17.719	167	568428	58.227	ng	99
74) Di-n-butylphthalate	18.283	149	703575	65.022	ng	99
75) Fluoranthene	19.370	202	729562	58.202	ng	100
77) Benzidine	19.552	184	248149	60.135	ng	95
78) Pyrene	19.734	202	737744	59.900	ng	99
80) Butylbenzylphthalate	20.627	149	287683	62.794	ng	98
81) Benzo(a)anthracene	21.555	228	713574	59.692	ng	99
82) 3,3'-Dichlorobenzidine	21.473	252	240988	61.890	ng	98
83) Chrysene	21.620	228	674004	59.244	ng	99
84) Bis(2-ethylhexyl)phtha...	21.479	149	414784	68.359	ng	98
85) Di-n-octyl phthalate	22.678	149	725852	69.375	ng	100
87) Indeno(1,2,3-cd)pyrene	28.353	276	850103	62.207	ng #	95
88) Benzo(b)fluoranthene	23.735	252	715445	62.443	ng	100
89) Benzo(k)fluoranthene	23.806	252	714133	60.097	ng	97
90) Benzo(a)pyrene	24.593	252	699138	62.061	ng	98
91) Dibenzo(a,h)anthracene	28.418	278	693893	61.445	ng	99
92) Benzo(g,h,i)perylene	29.487	276	699060	62.020	ng	98

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

