

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061223\
 Data File : BG057684.D
 Acq On : 12 Jun 2023 16:42
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 13 01:54:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 01:42:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	31552	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	127387	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	85742	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	203256	20.000	ng	0.00
76) Chrysene-d12	21.580	240	172089	20.000	ng	0.00
86) Perylene-d12	24.747	264	210205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	194369	96.602	ng	0.00
7) Phenol-d6	7.097	99	279347	95.982	ng	0.00
23) Nitrobenzene-d5	9.107	82	221318	106.468	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	111418	106.538	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	559268	94.497	ng	0.00
79) Terphenyl-d14	19.941	244	881941	94.653	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.431	88	45073	47.053	ng	99
3) Pyridine	3.819	79	132229	49.260	ng	96
4) n-Nitrosodimethylamine	3.737	42	64344	49.502	ng	95
6) Aniline	7.274	93	176926	48.817	ng	99
8) 2-Chlorophenol	7.509	128	94554	48.275	ng	100
9) Benzaldehyde	7.080	77	78398	44.823	ng	98
10) Phenol	7.127	94	137492	48.126	ng	99
11) bis(2-Chloroethyl)ether	7.368	93	105077	48.761	ng	97
12) 1,3-Dichlorobenzene	7.832	146	99715	46.793	ng	97
13) 1,4-Dichlorobenzene	7.979	146	101806	47.879	ng	99
14) 1,2-Dichlorobenzene	8.302	146	96892	46.903	ng	99
15) Benzyl Alcohol	8.178	79	107323	49.751	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.472	45	224968m	47.886	ng	
17) 2-Methylphenol	8.378	107	99900	48.596	ng	99
18) Hexachloroethane	9.030	117	35408	48.945	ng	94
19) n-Nitroso-di-n-propyla...	8.754	70	93464	48.689	ng	93
20) 3+4-Methylphenols	8.707	107	136096	48.878	ng	97
22) Acetophenone	8.766	105	169649	47.561	ng	97
24) Nitrobenzene	9.148	77	118580	55.350	ng	96
25) Isophorone	9.671	82	265987	49.069	ng	98
26) 2-Nitrophenol	9.859	139	34872	50.069	ng	# 91
27) 2,4-Dimethylphenol	9.912	122	96869	48.956	ng	99
28) bis(2-Chloroethoxy)met...	10.158	93	142450	49.439	ng	99
29) 2,4-Dichlorophenol	10.393	162	94845	51.763	ng	98
30) 1,2,4-Trichlorobenzene	10.611	180	106532	47.982	ng	98
31) Naphthalene	10.799	128	323641	47.636	ng	99
32) Benzoic acid	10.053	122	54418	49.838	ng	90
33) 4-Chloroaniline	10.905	127	147264	48.983	ng	97
34) Hexachlorobutadiene	11.087	225	69317	48.500	ng	94
35) Caprolactam	11.680	113	33107	53.266	ng	98
36) 4-Chloro-3-methylphenol	12.021	107	119505	50.335	ng	97
37) 2-Methylnaphthalene	12.409	142	233734	48.138	ng	96
38) 1-Methylnaphthalene	12.626	142	217830	47.631	ng	92
40) 1,2,4,5-Tetrachloroben...	12.773	216	122387	48.273	ng	99
41) Hexachlorocyclopentadiene	12.755	237	63555	52.045	ng	95
43) 2,4,6-Trichlorophenol	13.008	196	81376	51.669	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	97860	52.123	ng	96
46) 1,1'-Biphenyl	13.413	154	289151	47.704	ng	98
47) 2-Chloronaphthalene	13.455	162	221129	47.840	ng	99
48) 2-Nitroaniline	13.654	65	69962	47.773	ng	97
49) Acenaphthylene	14.301	152	373473	48.054	ng	99
50) Dimethylphthalate	14.042	163	307778	48.631	ng	99
51) 2,6-Dinitrotoluene	14.154	165	54284	48.564	ng	98
52) Acenaphthene	14.647	154	227822	48.720	ng	99
53) 3-Nitroaniline	14.483	138	60752	49.353	ng	91
54) 2,4-Dinitrophenol	14.683	184	18424	50.261	ng	96
55) Dibenzofuran	14.976	168	368665	47.425	ng	98
56) 4-Nitrophenol	14.771	139	47947	48.734	ng	93
57) 2,4-Dinitrotoluene	14.935	165	70068	47.961	ng	# 97
58) Fluorene	15.628	166	287032	47.026	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.200	232	80137	53.281	ng	98
60) Diethylphthalate	15.399	149	318362	48.952	ng	100
61) 4-Chlorophenyl-phenyle...	15.623	204	155630	47.220	ng	99
62) 4-Nitroaniline	15.646	138	61290	48.786	ng	97
63) Azobenzene	15.916	77	324893	47.629	ng	99
65) 4,6-Dinitro-2-methylph...	15.699	198	30463	49.727	ng	92
66) n-Nitrosodiphenylamine	15.834	169	257434	47.669	ng	99
67) 4-Bromophenyl-phenylether	16.516	248	104305	48.476	ng	97
68) Hexachlorobenzene	16.627	284	103550	48.068	ng	96
69) Atrazine	16.780	200	90708	48.486	ng	99
70) Pentachlorophenol	16.968	266	76382	54.687	ng	99
71) Phenanthrene	17.368	178	467529	47.073	ng	99
72) Anthracene	17.456	178	480574	47.448	ng	100
73) Carbazole	17.726	167	447609	47.561	ng	99
74) Di-n-butylphthalate	18.296	149	553146	49.204	ng	99
75) Fluoranthene	19.377	202	577568	47.562	ng	98
77) Benzidine	19.553	184	215556	49.341	ng	99
78) Pyrene	19.735	202	581628	47.752	ng	99
80) Butylbenzylphthalate	20.634	149	229053	53.725	ng	97
81) Benzo(a)anthracene	21.563	228	570815	47.745	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	197514	49.893	ng	100
83) Chrysene	21.627	228	542821	47.867	ng	98
84) Bis(2-ethylhexyl)phtha...	21.486	149	332308	50.940	ng	100
85) Di-n-octyl phthalate	22.691	149	587847	53.355	ng	99
87) Indeno(1,2,3-cd)pyrene	28.366	276	678489	49.840	ng	99
88) Benzo(b)fluoranthene	23.748	252	573201	50.107	ng	99
89) Benzo(k)fluoranthene	23.819	252	559460	47.999	ng	98
90) Benzo(a)pyrene	24.606	252	554763	49.353	ng	98
91) Dibenzo(a,h)anthracene	28.443	278	561636	49.461	ng	98
92) Benzo(g,h,i)perylene	29.506	276	556253	49.616	ng	98

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

