

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057821.D
 Acq On : 22 Jun 2023 23:45
 Operator : CG/JU
 Sample : 03320-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-19MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 03:47:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	33628	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	153973	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	116572	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	294768	20.000	ng	0.00
76) Chrysene-d12	21.554	240	258884	20.000	ng	0.00
86) Perylene-d12	24.697	264	327157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	290852	133.361	ng	0.00
7) Phenol-d6	7.083	99	404219	121.468	ng	0.00
23) Nitrobenzene-d5	9.080	82	256243	85.413	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	224481	138.241	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	600336	78.111	ng	0.00
79) Terphenyl-d14	19.915	244	1223305	88.111	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	32478	32.715	ng	# 34
3) Pyridine	3.804	79	85757	28.362	ng	93
4) n-Nitrosodimethylamine	3.710	42	49390	35.748	ng	92
6) Aniline	7.247	93	119202	27.975	ng	97
8) 2-Chlorophenol	7.488	128	108579	48.394	ng	97
9) Benzaldehyde	7.059	77	50761m	24.259	ng	
10) Phenol	7.112	94	145995	44.558	ng	95
11) bis(2-Chloroethyl)ether	7.341	93	105119	41.728	ng	96
12) 1,3-Dichlorobenzene	7.811	146	90786	39.760	ng	98
13) 1,4-Dichlorobenzene	7.958	146	94284	40.752	ng	96
14) 1,2-Dichlorobenzene	8.275	146	94058	42.015	ng	96
15) Benzyl Alcohol	8.158	79	114740	45.093	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.452	45	175066	36.176	ng	95
17) 2-Methylphenol	8.358	107	108857	45.171	ng	96
18) Hexachloroethane	9.004	117	32610	39.973	ng	95
19) n-Nitroso-di-n-propyla...	8.722	70	91796	39.566	ng	94
20) 3+4-Methylphenols	8.687	107	154065	46.282	ng	98
22) Acetophenone	8.745	105	182453	42.257	ng	# 96
24) Nitrobenzene	9.127	77	129060	41.334	ng	96
25) Isophorone	9.644	82	282275	41.183	ng	99
26) 2-Nitrophenol	9.832	139	57354	57.738	ng	99
27) 2,4-Dimethylphenol	9.897	122	120662	49.063	ng	98
28) bis(2-Chloroethoxy)met...	10.132	93	157808	42.753	ng	99
29) 2,4-Dichlorophenol	10.373	162	118251	50.633	ng	99
30) 1,2,4-Trichlorobenzene	10.584	180	109343	42.003	ng	97
31) Naphthalene	10.773	128	332335	40.554	ng	99
32) Benzoic acid	10.044	122	88086	48.647	ng	96
33) 4-Chloroaniline	10.884	127	60434	15.916	ng	96
34) Hexachlorobutadiene	11.060	225	63673	40.091	ng	98
35) Caprolactam	11.660	113	41843m	44.152	ng	
36) 4-Chloro-3-methylphenol	12.006	107	150956	49.492	ng	99
37) 2-Methylnaphthalene	12.382	142	246160	41.210	ng	98
38) 1-Methylnaphthalene	12.600	142	236295	41.906	ng	97
40) 1,2,4,5-Tetrachloroben...	12.753	216	132774	41.085	ng	99
41) Hexachlorocyclopentadiene	12.729	237	163527	95.311	ng	99
43) 2,4,6-Trichlorophenol	12.988	196	111087	48.007	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057821.D
 Acq On : 22 Jun 2023 23:45
 Operator : CG/JU
 Sample : 03320-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-19MS

Quant Time: Jun 23 03:47:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.058	196	122807	45.530	ng	95
46) 1,1'-Biphenyl	13.393	154	342314	42.767	ng	99
47) 2-Chloronaphthalene	13.434	162	262297	42.655	ng	98
48) 2-Nitroaniline	13.634	65	108635	49.713	ng	97
49) Acenaphthylene	14.280	152	454980	43.107	ng	99
50) Dimethylphthalate	14.016	163	395719	44.198	ng	99
51) 2,6-Dinitrotoluene	14.127	165	86194	52.279	ng	92
52) Acenaphthene	14.621	154	320271m	49.015	ng	
53) 3-Nitroaniline	14.456	138	54380	29.267	ng	95
54) 2,4-Dinitrophenol	14.662	184	104162	116.101	ng	99
55) Dibenzofuran	14.956	168	451974	43.019	ng	98
56) 4-Nitrophenol	14.768	139	151127	102.346	ng	94
57) 2,4-Dinitrotoluene	14.915	165	124154	55.529	ng	94
58) Fluorene	15.602	166	367403	44.177	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.179	232	115163	50.099	ng	99
60) Diethylphthalate	15.379	149	408201	44.440	ng	98
61) 4-Chlorophenyl-phenyle...	15.596	204	195736	44.263	ng	96
62) 4-Nitroaniline	15.626	138	90157	47.596	ng	98
63) Azobenzene	15.890	77	393669	41.898	ng	98
65) 4,6-Dinitro-2-methylph...	15.679	198	74199	54.043	ng	91
66) n-Nitrosodiphenylamine	15.808	169	327539	42.101	ng	98
67) 4-Bromophenyl-phenylether	16.489	248	135895	43.471	ng	94
68) Hexachlorobenzene	16.601	284	148272	46.526	ng	99
69) Atrazine	16.760	200	107934	40.416	ng	96
70) Pentachlorophenol	16.948	266	204722	86.954	ng	99
71) Phenanthrene	17.341	178	620615	43.484	ng	99
72) Anthracene	17.435	178	634171	43.515	ng	99
73) Carbazole	17.700	167	607036	45.175	ng	100
74) Di-n-butylphthalate	18.264	149	736717	46.303	ng	100
75) Fluoranthene	19.351	202	759734	44.684	ng	100
77) Benzidine	19.550	184	124539m	20.522	ng	
78) Pyrene	19.715	202	786008	42.562	ng	100
80) Butylbenzylphthalate	20.602	149	323625	46.067	ng	97
81) Benzo(a)anthracene	21.530	228	784576	44.172	ng	99
82) 3,3'-Dichlorobenzidine	21.454	252	156796	25.955	ng	98
83) Chrysene	21.601	228	732233	42.957	ng	99
84) Bis(2-ethylhexyl)phtha...	21.448	149	466317	45.718	ng	99
85) Di-n-octyl phthalate	22.635	149	829476	46.365	ng	96
87) Indeno(1,2,3-cd)pyrene	28.293	276	974767	45.571	ng	# 93
88) Benzo(b)fluoranthene	23.704	252	825693	46.056	ng	98
89) Benzo(k)fluoranthene	23.769	252	821575	44.996	ng	99
90) Benzo(a)pyrene	24.556	252	742538	42.173	ng	100
91) Dibenzo(a,h)anthracene	28.358	278	814271	45.881	ng	99
92) Benzo(g,h,i)perylene	29.409	276	800659	45.056	ng	98

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

