

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
 Data File : BG055227.D
 Acq On : 20 Oct 2022 19:55
 Operator : CG/JU
 Sample : N5184-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-101822MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/21/2022
 Supervised By : Jagrut Upadhyay 10/21/2022

Quant Time: Oct 21 03:07:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 09:21:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	59636	20.000	ng	0.00
21) Naphthalene-d8	11.119	136	252898	20.000	ng	0.00
39) Acenaphthene-d10	14.903	164	140736	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	259785	20.000	ng	0.00
76) Chrysene-d12	21.924	240	226005	20.000	ng	# 0.00
86) Perylene-d12	25.350	264	214135	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	366861	110.677	ng	0.00
7) Phenol-d6	7.429	99	518258	102.608	ng	0.00
23) Nitrobenzene-d5	9.462	82	329873	62.972	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	115768	79.385	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	559968	63.554	ng	0.00
79) Terphenyl-d14	20.209	244	649356	53.536	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.622	88	53001	32.880	ng	98
3) Pyridine	4.039	79	146457	28.853	ng	98
4) n-Nitrosodimethylamine	3.951	42	83291	35.066	ng	93
6) Aniline	7.606	93	99963	15.266	ng	99
8) 2-Chlorophenol	7.847	128	169964	42.410	ng	99
9) Benzaldehyde	7.412	77	97707	27.828	ng	99
10) Phenol	7.459	94	233919	40.994	ng	99
11) bis(2-Chloroethyl)ether	7.694	93	170770	38.869	ng	98
12) 1,3-Dichlorobenzene	8.176	146	180945	41.622	ng	99
13) 1,4-Dichlorobenzene	8.322	146	180837	40.722	ng	99
14) 1,2-Dichlorobenzene	8.652	146	176840	41.793	ng	99
15) Benzyl Alcohol	8.522	79	160349m	36.965	ng	
16) 2,2'-oxybis(1-Chloropr...	8.816	45	295702	37.345	ng	98
17) 2-Methylphenol	8.728	107	155313	39.321	ng	98
18) Hexachloroethane	9.386	117	62771	39.051	ng	96
19) n-Nitroso-di-n-propyla...	9.092	70	145715	33.637	ng	94
20) 3+4-Methylphenols	9.051	107	209770	37.785	ng	96
22) Acetophenone	9.116	105	266070	38.895	ng	# 98
24) Nitrobenzene	9.503	77	209921	37.477	ng	97
25) Isophorone	10.026	82	385302	35.951	ng	# 98
26) 2-Nitrophenol	10.220	139	88370	40.105	ng	99
27) 2,4-Dimethylphenol	10.267	122	168089	47.903	ng	97
28) bis(2-Chloroethoxy)met...	10.502	93	226281	43.937	ng	99
29) 2,4-Dichlorophenol	10.761	162	150530	40.179	ng	97
30) 1,2,4-Trichlorobenzene	10.978	180	155396	40.512	ng	97
31) Naphthalene	11.172	128	533110	39.949	ng	99
32) Benzoic acid	10.391	122	66017	26.284	ng	99
33) 4-Chloroaniline	11.272	127	98477	17.921	ng	96
34) Hexachlorobutadiene	11.448	225	89267	38.540	ng	98
35) Caprolactam	12.042	113	49936m	30.330	ng	
36) 4-Chloro-3-methylphenol	12.371	107	168947	34.681	ng	99
37) 2-Methylnaphthalene	12.753	142	357370	35.208	ng	99
38) 1-Methylnaphthalene	12.970	142	340379	33.968	ng	99
40) 1,2,4,5-Tetrachloroben...	13.111	216	156955	47.447	ng	99
41) Hexachlorocyclopentadiene	13.087	237	17462	11.591	ng	92
43) 2,4,6-Trichlorophenol	13.346	196	106934	42.472	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
 Data File : BG055227.D
 Acq On : 20 Oct 2022 19:55
 Operator : CG/JU
 Sample : N5184-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-101822MS

Quant Time: Oct 21 03:07:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 09:21:42 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/21/2022
 Supervised By :Jagrut Upadhyay 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.422	196	109987	39.818	ng	97
46) 1,1'-Biphenyl	13.740	154	442680	44.422	ng	99
47) 2-Chloronaphthalene	13.793	162	327505	42.687	ng	99
48) 2-Nitroaniline	13.981	65	125120	40.187	ng	99
49) Acenaphthylene	14.633	152	523689	39.901	ng	99
50) Dimethylphthalate	14.345	163	398144	35.966	ng	99
51) 2,6-Dinitrotoluene	14.468	165	82427	37.109	ng	96
52) Acenaphthene	14.968	154	328035	39.255	ng	97
53) 3-Nitroaniline	14.797	138	79696	28.804	ng	100
54) 2,4-Dinitrophenol	15.003	184	6181	5.520	ng	94
55) Dibenzofuran	15.297	168	504690	41.929	ng	99
56) 4-Nitrophenol	15.097	139	151263	77.751	ng	99
57) 2,4-Dinitrotoluene	15.250	165	110219	35.487	ng	# 99
58) Fluorene	15.943	166	411457	40.591	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.514	232	84243	35.022	ng	# 96
60) Diethylphthalate	15.690	149	408675	35.288	ng	99
61) 4-Chlorophenyl-phenyle...	15.925	204	180105	38.280	ng	99
62) 4-Nitroaniline	15.955	138	93875	33.447	ng	98
63) Azobenzene	16.219	77	437424	37.371	ng	97
65) 4,6-Dinitro-2-methylph...	16.008	198	5743	4.139	ng	# 62
66) n-Nitrosodiphenylamine	16.137	169	330942	45.645	ng	100
67) 4-Bromophenyl-phenylether	16.818	248	108826	42.979	ng	98
68) Hexachlorobenzene	16.942	284	112061	40.437	ng	96
69) Atrazine	17.071	200	116705	48.838	ng	99
70) Pentachlorophenol	17.283	266	107506	71.881	ng	96
71) Phenanthrene	17.682	178	998803	72.050	ng	98
72) Anthracene	17.770	178	687899	50.781	ng	100
73) Carbazole	18.035	167	581530	46.617	ng	99
74) Di-n-butylphthalate	18.563	149	674194	41.435	ng	100
75) Fluoranthene	19.668	202	1199462	78.112	ng	97
77) Benzidine	19.838	184	60238	10.481	ng	# 91
78) Pyrene	20.032	202	1117338	65.612	ng	97
80) Butylbenzylphthalate	20.884	149	298200	37.463	ng	96
81) Benzo(a)anthracene	21.901	228	847485	57.811	ng	98
82) 3,3'-Dichlorobenzidine	21.801	252	92440	18.364	ng	# 98
83) Chrysene	21.971	228	761746	55.797	ng	96
84) Bis(2-ethylhexyl)phtha...	21.771	149	445141	42.741	ng	99
85) Di-n-octyl phthalate	23.046	149	726480	46.786	ng	# 95
87) Indeno(1,2,3-cd)pyrene	29.304	276	466305	31.309	ng	# 95
88) Benzo(b)fluoranthene	24.257	252	762344	59.951	ng	# 92
89) Benzo(k)fluoranthene	24.327	252	727705	56.506	ng	# 94
90) Benzo(a)pyrene	25.191	252	655508	60.059	ng	# 92
91) Dibenzo(a,h)anthracene	29.363	278	363001	29.750	ng	# 91
92) Benzo(g,h,i)perylene	30.532	276	349672	29.583	ng	# 89

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

