

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056271.D
 Acq On : 12 Jan 2023 16:42
 Operator : CG/JU
 Sample : PB150116BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150116BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

01/13/2023
 Supervised By :mohammad
 ahmed

Quant Time: Jan 13 04:27:06 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 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.320	152	47337	20.000	ng	0.00
21) Naphthalene-d8	11.152	136	176144	20.000	ng	0.00
39) Acenaphthene-d10	14.930	164	151679	20.000	ng	0.00
64) Phenanthrene-d10	17.668	188	387438	20.000	ng	0.00
76) Chrysene-d12	21.963	240	394393	20.000	ng	# 0.00
86) Perylene-d12	25.400	264	385463	20.000	ng	0.00

01/13/2023

System Monitoring Compounds						
5) 2-Fluorophenol	5.841	112	383154	144.521	ng	0.02
7) Phenol-d6	7.456	99	530608	130.323	ng	0.00
23) Nitrobenzene-d5	9.489	82	283671	82.377	ng	0.00
42) 2,4,6-Tribromophenol	16.411	330	255394	132.949	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	888730	80.911	ng	0.00
79) Terphenyl-d14	20.241	244	1864792	84.685	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.649	88	41776	34.498	ng	# 93
3) Pyridine	4.066	79	101730	27.582	ng	97
4) n-Nitrosodimethylamine	3.978	42	29232	38.962	ng	82
6) Aniline	7.627	93	115122	21.561	ng	97
8) 2-Chlorophenol	7.874	128	122544	46.450	ng	98
9) Benzaldehyde	7.439	77	33406	13.799	ng	84
10) Phenol	7.486	94	180273	43.660	ng	96
11) bis(2-Chloroethyl)ether	7.721	93	114392	40.881	ng	94
12) 1,3-Dichlorobenzene	8.203	146	142426	44.358	ng	95
13) 1,4-Dichlorobenzene	8.355	146	144738	44.890	ng	99
14) 1,2-Dichlorobenzene	8.678	146	138701	44.582	ng	99
15) Benzyl Alcohol	8.549	79	120868	40.790	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.837	45	22338	45.176	ng	88
17) 2-Methylphenol	8.749	107	123294	40.694	ng	95
18) Hexachloroethane	9.419	117	44608	45.541	ng	95
19) n-Nitroso-di-n-propyla...	9.119	70	91406	36.920	ng	97
20) 3+4-Methylphenols	9.078	107	170803	40.098	ng	98
22) Acetophenone	9.143	105	198956	39.947	ng	# 99
24) Nitrobenzene	9.536	77	139191	40.787	ng	96
25) Isophorone	10.053	82	268815	37.102	ng	99
26) 2-Nitrophenol	10.253	139	76543	43.838	ng	96
27) 2,4-Dimethylphenol	10.294	122	137002	43.019	ng	96
28) bis(2-Chloroethoxy)met...	10.529	93	154306	40.977	ng	99
29) 2,4-Dichlorophenol	10.788	162	159248	45.230	ng	99
30) 1,2,4-Trichlorobenzene	11.005	180	172376	43.143	ng	97
31) Naphthalene	11.205	128	384017	41.425	ng	99
32) Benzoic acid	10.424	122	104340	44.157	ng	97
33) 4-Chloroaniline	11.299	127	69714	15.751	ng	96
34) Hexachlorobutadiene	11.475	225	125614	43.713	ng	96
35) Caprolactam	12.063	113	50028m	41.969	ng	
36) 4-Chloro-3-methylphenol	12.392	107	155934	43.647	ng	96
37) 2-Methylnaphthalene	12.780	142	303385	38.759	ng	98
38) 1-Methylnaphthalene	12.997	142	285317	39.253	ng	97
40) 1,2,4,5-Tetrachloroben...	13.144	216	233574	41.087	ng	99
41) Hexachlorocyclopentadiene	13.120	237	297599	91.820	ng	97
43) 2,4,6-Trichlorophenol	13.373	196	162658	43.270	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056271.D
 Acq On : 12 Jan 2023 16:42
 Operator : CG/JU
 Sample : PB150116BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150116BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

01/13/2023
 Supervised By :mohammad
 ahmed

Quant Time: Jan 13 04:27:06 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 12 03:38:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.449	196	176768	39.752	ng	98
46) 1,1'-Biphenyl	13.767	154	451057	41.523	ng	97
47) 2-Chloronaphthalene	13.820	162	358254	41.783	ng	98
48) 2-Nitroaniline	14.013	65	76512	41.882	ng	96
49) Acenaphthylene	14.660	152	554105	39.712	ng	98
50) Dimethylphthalate	14.372	163	491010	40.101	ng	99
51) 2,6-Dinitrotoluene	14.495	165	108292	41.506	ng	95
52) Acenaphthene	14.995	154	424921m	46.824	ng	
53) 3-Nitroaniline	14.824	138	60893	24.523	ng	98
54) 2,4-Dinitrophenol	15.030	184	170744	91.606	ng	# 96
55) Dibenzofuran	15.324	168	604713	40.268	ng	98
56) 4-Nitrophenol	15.118	139	166650	87.265	ng	96
57) 2,4-Dinitrotoluene	15.277	165	155837	42.709	ng	95
58) Fluorene	15.970	166	492011	40.734	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.541	232	177159m	42.431	ng	
60) Diethylphthalate	15.717	149	463736	40.385	ng	99
61) 4-Chlorophenyl-phenyle...	15.952	204	305124	40.479	ng	99
62) 4-Nitroaniline	15.988	138	100475m	39.502	ng	
63) Azobenzene	16.246	77	354897	40.051	ng	99
65) 4,6-Dinitro-2-methylph...	16.040	198	113757	43.580	ng	99
66) n-Nitrosodiphenylamine	16.164	169	458370	42.641	ng	98
67) 4-Bromophenyl-phenylether	16.845	248	212822	43.137	ng	98
68) Hexachlorobenzene	16.975	284	210409	45.712	ng	96
69) Atrazine	17.098	200	140118	31.451	ng	98
70) Pentachlorophenol	17.310	266	290238	82.084	ng	98
71) Phenanthrene	17.709	178	860501	42.857	ng	98
72) Anthracene	17.797	178	868980	41.955	ng	99
73) Carbazole	18.062	167	758749	43.581	ng	98
74) Di-n-butylphthalate	18.590	149	756956	43.616	ng	99
75) Fluoranthene	19.695	202	1110919	42.417	ng	98
77) Benzidine	19.865	184	187442	13.562	ng	99
78) Pyrene	20.059	202	1118624	40.240	ng	99
80) Butylbenzylphthalate	20.917	149	330749	41.472	ng	97
81) Benzo(a)anthracene	21.939	228	1129367	40.770	ng	99
82) 3,3'-Dichlorobenzidine	21.840	252	337414	33.837	ng	96
83) Chrysene	22.010	228	1053230	40.591	ng	98
84) Bis(2-ethylhexyl)phtha...	21.804	149	483763	42.103	ng	100
85) Di-n-octyl phthalate	23.091	149	813137	41.921	ng	100
87) Indeno(1,2,3-cd)pyrene	29.372	276	1301704	46.434	ng	# 99
88) Benzo(b)fluoranthene	24.301	252	1197382m	48.891	ng	
89) Benzo(k)fluoranthene	24.378	252	1169378	47.949	ng	98
90) Benzo(a)pyrene	25.241	252	1051245	44.009	ng	99
91) Dibenzo(a,h)anthracene	29.437	278	1124261	47.834	ng	97
92) Benzo(g,h,i)perylene	30.617	276	1075807	47.201	ng	98

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

