

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056447.D
 Acq On : 26 Jan 2023 17:51
 Operator : CG/JU
 Sample : 01214-14MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TJRC-011823-B3-30-40MS

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/27/2023
 Supervised By : Jagrut Upadhyay 01/27/2023

Quant Time: Jan 27 01:00:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	32974	20.000	ng	0.00
21) Naphthalene-d8	11.122	136	128182	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	103995	20.000	ng	0.00
64) Phenanthrene-d10	17.650	188	263945	20.000	ng	0.00
76) Chrysene-d12	21.939	240	258475	20.000	ng	# 0.00
86) Perylene-d12	25.370	264	283051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	230381	124.748	ng	0.00
7) Phenol-d6	7.438	99	320247	112.918	ng	0.00
23) Nitrobenzene-d5	9.471	82	160526	64.059	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	161582	122.682	ng	0.00
45) 2-Fluorobiphenyl	13.537	172	525930	69.836	ng	0.00
79) Terphenyl-d14	20.223	244	1011446	70.086	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.613	88	32676	38.737	ng	# 92
3) Pyridine	4.036	79	86262	33.576	ng	# 90
4) n-Nitrosodimethylamine	3.948	42	20902	39.995	ng	96
6) Aniline	7.608	93	76153	20.475	ng	98
8) 2-Chlorophenol	7.855	128	97720	53.174	ng	95
9) Benzaldehyde	7.420	77	40960	24.289	ng	97
10) Phenol	7.467	94	135120	46.978	ng	98
11) bis(2-Chloroethyl)ether	7.697	93	82850	42.506	ng	95
12) 1,3-Dichlorobenzene	8.178	146	109960	49.163	ng	95
13) 1,4-Dichlorobenzene	8.325	146	112837	50.239	ng	97
14) 1,2-Dichlorobenzene	8.654	146	107964	49.819	ng	97
15) Benzyl Alcohol	8.525	79	85350	41.350	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.813	45	17605	51.112	ng	85
17) 2-Methylphenol	8.731	107	93649	44.373	ng	95
18) Hexachloroethane	9.389	117	33328	48.846	ng	97
19) n-Nitroso-di-n-propyla...	9.095	70	63605	36.881	ng	98
20) 3+4-Methylphenols	9.060	107	129159	43.529	ng	97
22) Acetophenone	9.118	105	148288	40.914	ng	# 97
24) Nitrobenzene	9.512	77	95902	38.617	ng	91
25) Isophorone	10.029	82	191173	36.258	ng	# 94
26) 2-Nitrophenol	10.229	139	62064	48.845	ng	95
27) 2,4-Dimethylphenol	10.276	122	106769	46.071	ng	98
28) bis(2-Chloroethoxy)met...	10.505	93	112671	41.116	ng	100
29) 2,4-Dichlorophenol	10.769	162	123444	48.180	ng	97
30) 1,2,4-Trichlorobenzene	10.981	180	130276	44.806	ng	98
31) Naphthalene	11.175	128	298094	44.188	ng	99
32) Benzoic acid	10.417	122	54944m	31.953	ng	
33) 4-Chloroaniline	11.275	127	66502	20.647	ng	94
34) Hexachlorobutadiene	11.451	225	89920	43.000	ng	97
35) Caprolactam	12.050	113	36721m	42.332	ng	
36) 4-Chloro-3-methylphenol	12.379	107	114472	44.030	ng	97
37) 2-Methylnaphthalene	12.761	142	232833	40.876	ng	98
38) 1-Methylnaphthalene	12.973	142	218810	41.367	ng	99
40) 1,2,4,5-Tetrachloroben...	13.120	216	174478	44.764	ng	99
41) Hexachlorocyclopentadiene	13.090	237	172867	77.792	ng	96
43) 2,4,6-Trichlorophenol	13.355	196	120970	46.936	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056447.D
 Acq On : 26 Jan 2023 17:51
 Operator : CG/JU
 Sample : 01214-14MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TJRC-011823-B3-30-40MS

Quant Time: Jan 27 01:00:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/27/2023
 Supervised By : Jagrut Upadhyay 01/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.431	196	129583	42.503	ng	98
46) 1,1'-Biphenyl	13.748	154	343627	46.138	ng	98
47) 2-Chloronaphthalene	13.795	162	272887	46.420	ng	97
48) 2-Nitroaniline	13.995	65	55937	44.659	ng	95
49) Acenaphthylene	14.635	152	427115	44.647	ng	98
50) Dimethylphthalate	14.348	163	365521	43.540	ng	98
51) 2,6-Dinitrotoluene	14.477	165	80675	45.099	ng	90
52) Acenaphthene	14.976	154	292471m	47.006	ng	
53) 3-Nitroaniline	14.812	138	41606	24.439	ng	95
54) 2,4-Dinitrophenol	15.017	184	69111	54.080	ng	# 93
55) Dibenzofuran	15.305	168	454265	44.120	ng	98
56) 4-Nitrophenol	15.117	139	119923	91.590	ng	84
57) 2,4-Dinitrotoluene	15.264	165	114646	45.827	ng	90
58) Fluorene	15.952	166	364876	44.060	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.529	232	122877m	42.924	ng	
60) Diethylphthalate	15.699	149	339087	43.070	ng	99
61) 4-Chlorophenyl-phenyle...	15.928	204	222781	43.107	ng	98
62) 4-Nitroaniline	15.969	138	75342	43.203	ng	92
63) Azobenzene	16.228	77	251606	41.413	ng	96
65) 4,6-Dinitro-2-methylph...	16.028	198	72647	40.852	ng	93
66) n-Nitrosodiphenylamine	16.145	169	332299	45.376	ng	96
67) 4-Bromophenyl-phenylether	16.827	248	153063	45.540	ng	99
68) Hexachlorobenzene	16.956	284	158960	50.692	ng	97
69) Atrazine	17.080	200	145524	47.948	ng	99
70) Pentachlorophenol	17.297	266	173785	72.145	ng	96
71) Phenanthrene	17.691	178	626278	45.786	ng	99
72) Anthracene	17.785	178	640422	45.387	ng	100
73) Carbazole	18.049	167	559379	47.163	ng	99
74) Di-n-butylphthalate	18.572	149	575402	48.667	ng	99
75) Fluoranthene	19.683	202	786273	44.068	ng	99
77) Benzidine	19.847	184	162156	17.902	ng	97
78) Pyrene	20.041	202	804637	44.166	ng	100
80) Butylbenzylphthalate	20.899	149	243565	46.600	ng	96
81) Benzo(a)anthracene	21.921	228	819210	45.124	ng	99
82) 3,3'-Dichlorobenzidine	21.821	252	161861	24.767	ng	100
83) Chrysene	21.992	228	756683	44.497	ng	100
84) Bis(2-ethylhexyl)phtha...	21.774	149	358223	47.572	ng	100
85) Di-n-octyl phthalate	23.055	149	599521	47.161	ng	100
87) Indeno(1,2,3-cd)pyrene	29.324	276	966645	46.958	ng	# 56
88) Benzo(b)fluoranthene	24.277	252	854588	47.519	ng	99
89) Benzo(k)fluoranthene	24.354	252	829699	46.330	ng	98
90) Benzo(a)pyrene	25.211	252	747578	42.619	ng	# 99
91) Dibenzo(a,h)anthracene	29.395	278	812779	47.094	ng	98
92) Benzo(g,h,i)perylene	30.576	276	783039	46.786	ng	98

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

