

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055419.D
 Acq On : 2 Nov 2022 17:42
 Operator : CG/JU
 Sample : N5380-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-EMS

Quant Time: Nov 03 06:10:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 11/07/2022

Supervised By :mohammad
 ahmed
 11/08/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	27012	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	119550	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	87833	20.000	ng	0.00
64) Phenanthrene-d10	17.588	188	201974	20.000	ng	0.00
76) Chrysene-d12	21.866	240	197503	20.000	ng	0.00
86) Perylene-d12	25.238	264	218352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	214446	142.571	ng	0.00
7) Phenol-d6	7.395	99	267173	128.088	ng	0.00
23) Nitrobenzene-d5	9.416	82	184696	82.337	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	162705	135.807	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	478413	80.758	ng	0.00
79) Terphenyl-d14	20.168	244	872454	85.898	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.575	88	26129	38.299	ng	# 34
3) Pyridine	4.004	79	68682	33.922	ng	98
4) n-Nitrosodimethylamine	3.899	42	33957	42.454	ng	97
6) Aniline	7.559	93	73359	27.116	ng	99
8) 2-Chlorophenol	7.806	128	86156	47.143	ng	99
9) Benzaldehyde	7.371	77	57008	46.488	ng	98
10) Phenol	7.418	94	97148	41.149	ng	99
11) bis(2-Chloroethyl)ether	7.647	93	77598	43.932	ng	96
12) 1,3-Dichlorobenzene	8.129	146	85323	41.190	ng	99
13) 1,4-Dichlorobenzene	8.276	146	88852	42.114	ng	98
14) 1,2-Dichlorobenzene	8.599	146	86698	42.932	ng	98
15) Benzyl Alcohol	8.482	79	78070m	46.928	ng	
16) 2,2'-oxybis(1-Chloropr...	8.769	45	100339	42.697	ng	96
17) 2-Methylphenol	8.687	107	77638	45.704	ng	98
18) Hexachloroethane	9.333	117	29416	40.871	ng	96
19) n-Nitroso-di-n-propyla...	9.046	70	69204	42.459	ng	99
20) 3+4-Methylphenols	9.016	107	105459	43.693	ng	99
22) Acetophenone	9.069	105	136074	43.425	ng	# 99
24) Nitrobenzene	9.463	77	97487	41.684	ng	98
25) Isophorone	9.980	82	197720	44.506	ng	99
26) 2-Nitrophenol	10.174	139	51445	42.720	ng	97
27) 2,4-Dimethylphenol	10.227	122	89406	52.949	ng	97
28) bis(2-Chloroethoxy)met...	10.456	93	112078	47.366	ng	99
29) 2,4-Dichlorophenol	10.720	162	95860	46.540	ng	97
30) 1,2,4-Trichlorobenzene	10.932	180	90890	40.750	ng	99
31) Naphthalene	11.120	128	286827	42.613	ng	99
32) Benzoic acid	10.467	122	7629m	12.263	ng	
33) 4-Chloroaniline	11.231	127	23767	8.498	ng	98
34) Hexachlorobutadiene	11.396	225	54647	39.416	ng	98
35) Caprolactam	12.001	113	26754m	35.082	ng	
36) 4-Chloro-3-methylphenol	12.336	107	101838	45.155	ng	99
37) 2-Methylnaphthalene	12.706	142	206563	41.779	ng	99
38) 1-Methylnaphthalene	12.923	142	195587	40.559	ng	100
40) 1,2,4,5-Tetrachloroben...	13.070	216	110853	42.725	ng	99
41) Hexachlorocyclopentadiene	13.041	237	111679	89.366	ng	94
43) 2,4,6-Trichlorophenol	13.305	196	80134	44.351	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055419.D
 Acq On : 2 Nov 2022 17:42
 Operator : CG/JU
 Sample : N5380-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-EMS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 11/07/2022

Supervised By :mohammad
 ahmed
 11/08/2022

Quant Time: Nov 03 06:10:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	89247	44.345	ng	98
46) 1,1'-Biphenyl	13.693	154	283578	43.877	ng	99
47) 2-Chloronaphthalene	13.746	162	218301	42.036	ng	99
48) 2-Nitroaniline	13.946	65	67334	42.213	ng	99
49) Acenaphthylene	14.586	152	361865	42.436	ng	100
50) Dimethylphthalate	14.304	163	307227	41.905	ng	100
51) 2,6-Dinitrotoluene	14.427	165	66577	43.376	ng	98
52) Acenaphthene	14.921	154	212433	41.858	ng	99
53) 3-Nitroaniline	14.762	138	36680	21.263	ng	97
54) 2,4-Dinitrophenol	14.974	184	28765	34.166	ng	98
55) Dibenzofuran	15.250	168	358173	42.637	ng	99
56) 4-Nitrophenol	15.068	139	94306	79.729	ng	98
57) 2,4-Dinitrotoluene	15.215	165	94298	42.967	ng	# 96
58) Fluorene	15.896	166	285934	41.900	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.479	232	78882	43.590	ng	100
60) Diethylphthalate	15.650	149	309884	40.672	ng	99
61) 4-Chlorophenyl-phenyle...	15.879	204	152395	43.194	ng	99
62) 4-Nitroaniline	15.920	138	71291	39.061	ng	99
63) Azobenzene	16.172	77	261563	41.299	ng	98
65) 4,6-Dinitro-2-methylph...	15.979	198	34111	26.219	ng	98
66) n-Nitrosodiphenylamine	16.096	169	254131	42.321	ng	99
67) 4-Bromophenyl-phenylether	16.772	248	103585	43.386	ng	97
68) Hexachlorobenzene	16.901	284	117041	42.987	ng	96
69) Atrazine	17.030	200	102370	50.780	ng	99
70) Pentachlorophenol	17.242	266	108503	77.053	ng	99
71) Phenanthrene	17.635	178	477704	42.048	ng	100
72) Anthracene	17.724	178	487827	43.808	ng	99
73) Carbazole	17.994	167	451076	43.539	ng	99
74) Di-n-butylphthalate	18.517	149	550264	42.526	ng	100
75) Fluoranthene	19.627	202	573286	41.952	ng	99
77) Benzidine	19.792	184	155370	37.786	ng	99
78) Pyrene	19.986	202	580132	41.637	ng	99
80) Butylbenzylphthalate	20.838	149	243004	41.833	ng	99
81) Benzo(a)anthracene	21.842	228	565140	41.684	ng	99
82) 3,3'-Dichlorobenzidine	21.748	252	106821	22.976	ng	99
83) Chrysene	21.913	228	527368	40.772	ng	99
84) Bis(2-ethylhexyl)phtha...	21.707	149	353483	41.862	ng	100
85) Di-n-octyl phthalate	22.959	149	606094	41.892	ng	100
87) Indeno(1,2,3-cd)pyrene	29.128	276	722296	41.201	ng	100
88) Benzo(b)fluoranthene	24.163	252	613760	44.252	ng	100
89) Benzo(k)fluoranthene	24.234	252	593510	42.582	ng	100
90) Benzo(a)pyrene	25.086	252	540676	45.084	ng	99
91) Dibenzo(a,h)anthracene	29.187	278	614444	42.482	ng	99
92) Benzo(g,h,i)perylene	30.350	276	601838	41.838	ng	100

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

