

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053405.D
 Acq On : 2 May 2022 18:55
 Operator : CG/JU
 Sample : N2619-12MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB05-13-15-FTMSD

Quant Time: May 03 06:43:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/03/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	25505	20.000	ng	-0.01
21) Naphthalene-d8	10.913	136	100250	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	82596	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	210109	20.000	ng	0.00
76) Chrysene-d12	21.757	240	199810	20.000	ng	0.00
86) Perylene-d12	25.047	264	213608	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	183752	123.499	ng	0.00
7) Phenol-d6	7.265	99	277995	121.159	ng	0.00
23) Nitrobenzene-d5	9.262	82	186622	75.586	ng	-0.01
42) 2,4,6-Tribromophenol	16.218	330	152458	116.020	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	426424	71.190	ng	0.00
79) Terphenyl-d14	20.071	244	854223	72.204	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.546	88	28484	40.087	ng	# 89
3) Pyridine	3.946	79	73261	39.093	ng	93
4) n-Nitrosodimethylamine	3.858	42	46442	50.044	ng	84
6) Aniline	7.424	93	102751	38.641	ng	98
8) 2-Chlorophenol	7.670	128	81720	50.875	ng	94
9) Benzaldehyde	7.236	77	56780m	41.399	ng	
10) Phenol	7.294	94	117648	51.512	ng	91
11) bis(2-Chloroethyl)ether	7.512	93	77855	47.289	ng	95
12) 1,3-Dichlorobenzene	7.993	146	84108	45.061	ng	94
13) 1,4-Dichlorobenzene	8.140	146	86668	45.545	ng	98
14) 1,2-Dichlorobenzene	8.457	146	84197	45.884	ng	98
15) Benzyl Alcohol	8.340	79	96339m	47.238	ng	
16) 2,2'-oxybis(1-Chloropr...	8.622	45	123468	44.920	ng	96
17) 2-Methylphenol	8.546	107	80431	52.041	ng	95
18) Hexachloroethane	9.192	117	32251	45.196	ng	96
19) n-Nitroso-di-n-propyla...	8.904	70	76278	45.409	ng	# 92
20) 3+4-Methylphenols	8.874	107	111050	50.899	ng	96
22) Acetophenone	8.922	105	132506	47.643	ng	97
24) Nitrobenzene	9.303	77	117507	48.930	ng	# 87
25) Isophorone	9.826	82	214491	51.111	ng	97
26) 2-Nitrophenol	10.020	139	49259	49.052	ng	# 91
27) 2,4-Dimethylphenol	10.079	122	85910	59.734	ng	96
28) bis(2-Chloroethoxy)met...	10.308	93	112634	47.774	ng	96
29) 2,4-Dichlorophenol	10.566	162	94298	52.154	ng	98
30) 1,2,4-Trichlorobenzene	10.772	180	94404	46.133	ng	98
31) Naphthalene	10.960	128	255833	47.832	ng	99
32) Benzoic acid	10.243	122	53157m	56.126	ng	
33) 4-Chloroaniline	11.066	127	63533	27.738	ng	94
34) Hexachlorobutadiene	11.248	225	66349	43.648	ng	98
35) Caprolactam	11.841	113	34848m	54.680	ng	
36) 4-Chloro-3-methylphenol	12.194	107	114890	54.581	ng	92
37) 2-Methylnaphthalene	12.558	142	190167	48.050	ng	97
38) 1-Methylnaphthalene	12.781	142	187567	48.553	ng	95
40) 1,2,4,5-Tetrachloroben...	12.928	216	121107	43.171	ng	98
41) Hexachlorocyclopentadiene	12.910	237	122424	84.540	ng	94
43) 2,4,6-Trichlorophenol	13.169	196	89475	46.261	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053405.D
 Acq On : 2 May 2022 18:55
 Operator : CG/JU
 Sample : N2619-12MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB05-13-15-FTMSD

Quant Time: May 03 06:43:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/03/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	98488	47.786	ng	95
46) 1,1'-Biphenyl	13.562	154	272908	45.882	ng	99
47) 2-Chloronaphthalene	13.609	162	212983	44.881	ng	98
48) 2-Nitroaniline	13.803	65	90211	50.092	ng	91
49) Acenaphthylene	14.449	152	376271	50.652	ng	98
50) Dimethylphthalate	14.173	163	309350	46.826	ng	98
51) 2,6-Dinitrotoluene	14.297	165	67471	48.956	ng	# 81
52) Acenaphthene	14.790	154	269729m	53.542	ng	
53) 3-Nitroaniline	14.631	138	43911	30.131	ng	95
54) 2,4-Dinitrophenol	14.843	184	85330	97.306	ng	# 86
55) Dibenzofuran	15.125	168	361441	45.821	ng	96
56) 4-Nitrophenol	14.949	139	109087	98.148	ng	# 79
57) 2,4-Dinitrotoluene	15.084	165	98321	50.109	ng	88
58) Fluorene	15.771	166	302176	47.430	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.354	232	96912	48.419	ng	98
60) Diethylphthalate	15.530	149	319243	46.121	ng	99
61) 4-Chlorophenyl-phenyle...	15.759	204	166688	46.154	ng	99
62) 4-Nitroaniline	15.795	138	70816	46.050	ng	# 78
63) Azobenzene	16.053	77	324274	46.466	ng	98
65) 4,6-Dinitro-2-methylph...	15.853	198	61802	42.161	ng	97
66) n-Nitrosodiphenylamine	15.977	169	273779	45.312	ng	98
67) 4-Bromophenyl-phenylether	16.652	248	120684	44.827	ng	96
68) Hexachlorobenzene	16.781	284	134871	46.259	ng	96
69) Atrazine	16.917	200	118909	50.382	ng	97
70) Pentachlorophenol	17.128	266	142447	89.396	ng	91
71) Phenanthrene	17.516	178	527032	45.923	ng	99
72) Anthracene	17.604	178	526704	46.325	ng	99
73) Carbazole	17.874	167	487749	44.132	ng	99
74) Di-n-butylphthalate	18.420	149	551129	43.969	ng	98
75) Fluoranthene	19.519	202	662231	45.016	ng	99
77) Benzidine	19.695	184	361414	63.396	ng	99
78) Pyrene	19.883	202	657066	46.173	ng	99
80) Butylbenzylphthalate	20.758	149	245486	46.271	ng	99
81) Benzo(a)anthracene	21.734	228	648350	47.458	ng	99
82) 3,3'-Dichlorobenzidine	21.640	252	141976	28.258	ng	98
83) Chrysene	21.804	228	587750	46.356	ng	99
84) Bis(2-ethylhexyl)phtha...	21.622	149	340503	47.481	ng	98
85) Di-n-octyl phthalate	22.856	149	578230	48.212	ng	97
87) Indeno(1,2,3-cd)pyrene	28.824	276	743144	46.827	ng	# 97
88) Benzo(b)fluoranthene	24.001	252	683484	50.713	ng	98
89) Benzo(k)fluoranthene	24.072	252	628177	47.425	ng	97
90) Benzo(a)pyrene	24.894	252	645956	56.260	ng	99
91) Dibenzo(a,h)anthracene	28.871	278	627965	48.077	ng	97
92) Benzo(g,h,i)perylene	30.005	276	634003	49.246	ng	99

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

