

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053181.D
 Acq On : 18 Apr 2022 15:42
 Operator : CG/JU
 Sample : N2444-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 04/19/2022
 Supervised By :Jagrut
 Upadhyay
 04/19/2022

Quant Time: Apr 19 04:20:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	32888	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	127106	20.000	ng	0.00
39) Acenaphthene-d10	14.738	164	95688	20.000	ng	-0.01
64) Phenanthrene-d10	17.481	188	233543	20.000	ng	-0.01
76) Chrysene-d12	21.769	240	246812	20.000	ng	0.00
86) Perylene-d12	25.065	264	263287	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	202714	105.658	ng	0.00
7) Phenol-d6	7.277	99	292543	98.877	ng	0.00
23) Nitrobenzene-d5	9.280	82	199377	63.690	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	146960	96.534	ng	-0.01
45) 2-Fluorobiphenyl	13.363	172	436789	62.943	ng	0.00
79) Terphenyl-d14	20.083	244	902507	61.757	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.564	88	40290	43.973	ng	93
3) Pyridine	3.958	79	97789	40.467	ng	# 89
4) n-Nitrosodimethylamine	3.876	42	55176	46.108	ng	93
6) Aniline	7.436	93	98656	28.772	ng	97
8) 2-Chlorophenol	7.682	128	99519	48.047	ng	94
9) Benzaldehyde	7.248	77	77904m	44.050	ng	
10) Phenol	7.306	94	140584	47.736	ng	93
11) bis(2-Chloroethyl)ether	7.530	93	93388	43.990	ng	90
12) 1,3-Dichlorobenzene	8.005	146	108599	45.121	ng	97
13) 1,4-Dichlorobenzene	8.152	146	107497	43.809	ng	95
14) 1,2-Dichlorobenzene	8.470	146	105407	44.547	ng	98
15) Benzyl Alcohol	8.352	79	113516	43.165	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.640	45	146168	41.240	ng	97
17) 2-Methylphenol	8.558	107	93120	46.726	ng	97
18) Hexachloroethane	9.204	117	40814	44.356	ng	96
19) n-Nitroso-di-n-propyla...	8.916	70	90712	41.879	ng	# 94
20) 3+4-Methylphenols	8.887	107	126279	44.886	ng	92
22) Acetophenone	8.934	105	156183	44.291	ng	94
24) Nitrobenzene	9.321	77	136752	44.912	ng	91
25) Isophorone	9.844	82	242334	45.545	ng	98
26) 2-Nitrophenol	10.038	139	55480	43.574	ng	# 90
27) 2,4-Dimethylphenol	10.091	122	96757	53.061	ng	91
28) bis(2-Chloroethoxy)met...	10.320	93	130946	43.806	ng	99
29) 2,4-Dichlorophenol	10.573	162	108397	47.285	ng	99
30) 1,2,4-Trichlorobenzene	10.790	180	113461	43.731	ng	90
31) Naphthalene	10.978	128	305281	45.018	ng	99
32) Benzoic acid	10.244	122	59977	50.346	ng	90
33) 4-Chloroaniline	11.078	127	58816	20.253	ng	94
34) Hexachlorobutadiene	11.266	225	82643	42.880	ng	99
35) Caprolactam	11.853	113	35997m	44.549	ng	
36) 4-Chloro-3-methylphenol	12.200	107	120802	45.264	ng	98
37) 2-Methylnaphthalene	12.576	142	215754	42.997	ng	96
38) 1-Methylnaphthalene	12.793	142	210497	42.976	ng	99
40) 1,2,4,5-Tetrachloroben...	12.946	216	140793	43.322	ng	99
41) Hexachlorocyclopentadiene	12.928	237	167086	99.594	ng	96
43) 2,4,6-Trichlorophenol	13.181	196	99765	44.524	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053181.D
 Acq On : 18 Apr 2022 15:42
 Operator : CG/JU
 Sample : N2444-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 04/19/2022
 Supervised By :Jagrut
 Upadhyay
 04/19/2022

Quant Time: Apr 19 04:20:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	107086	44.848	ng	99
46) 1,1'-Biphenyl	13.574	154	302425	43.888	ng	99
47) 2-Chloronaphthalene	13.621	162	236357	42.992	ng	98
48) 2-Nitroaniline	13.815	65	93494	44.812	ng	95
49) Acenaphthylene	14.461	152	398705	46.328	ng	99
50) Dimethylphthalate	14.185	163	327261	42.760	ng	100
51) 2,6-Dinitrotoluene	14.303	165	71805	44.972	ng	90
52) Acenaphthene	14.802	154	289668m	49.633	ng	
53) 3-Nitroaniline	14.638	138	38430	22.762	ng	98
54) 2,4-Dinitrophenol	14.849	184	94354	92.875	ng	94
55) Dibenzofuran	15.137	168	384917	42.120	ng	97
56) 4-Nitrophenol	14.949	139	121706	94.519	ng	# 81
57) 2,4-Dinitrotoluene	15.096	165	104725	46.070	ng	87
58) Fluorene	15.783	166	316723	42.911	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.366	232	103089	44.458	ng	99
60) Diethylphthalate	15.542	149	338541	42.218	ng	98
61) 4-Chlorophenyl-phenyle...	15.771	204	174241	41.644	ng	98
62) 4-Nitroaniline	15.801	138	73138	41.053	ng	# 80
63) Azobenzene	16.065	77	337826	41.785	ng	98
65) 4,6-Dinitro-2-methylph...	15.860	198	67653	41.521	ng	96
66) n-Nitrosodiphenylamine	15.989	169	286674	42.686	ng	98
67) 4-Bromophenyl-phenylether	16.664	248	126440	42.252	ng	94
68) Hexachlorobenzene	16.794	284	140608	43.387	ng	95
69) Atrazine	16.929	200	127292	48.522	ng	97
70) Pentachlorophenol	17.134	266	169446	95.670	ng	87
71) Phenanthrene	17.528	178	556075	43.591	ng	98
72) Anthracene	17.616	178	556738	44.053	ng	99
73) Carbazole	17.880	167	525255	42.757	ng	98
74) Di-n-butylphthalate	18.433	149	604877	43.414	ng	99
75) Fluoranthene	19.531	202	740965	45.314	ng	99
77) Benzidine	19.701	184	271500	38.555	ng	99
78) Pyrene	19.895	202	727226	41.371	ng	99
80) Butylbenzylphthalate	20.771	149	275909	42.102	ng	100
81) Benzo(a)anthracene	21.746	228	736251	43.629	ng	99
82) 3,3'-Dichlorobenzidine	21.658	252	154171	24.842	ng	99
83) Chrysene	21.816	228	668936	42.712	ng	99
84) Bis(2-ethylhexyl)phtha...	21.640	149	381642	43.083	ng	99
85) Di-n-octyl phthalate	22.874	149	654254	44.162	ng	96
87) Indeno(1,2,3-cd)pyrene	28.836	276	844738	43.185	ng	# 98
88) Benzo(b)fluoranthene	24.019	252	789855	47.548	ng	99
89) Benzo(k)fluoranthene	24.090	252	718113	43.985	ng	100
90) Benzo(a)pyrene	24.912	252	743217	52.517	ng	# 98
91) Dibenzo(a,h)anthracene	28.907	278	723228	44.922	ng	# 98
92) Benzo(g,h,i)perylene	30.023	276	719798	45.361	ng	98

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

