

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
 Data File : BG054416.D
 Acq On : 27 Jul 2022 14:56
 Operator : CG/JU
 Sample : N3891-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 7897-WMS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

07/28/2022
 Supervised By :Jagrut
 Upadhyay

Quant Time: Jul 28 04:33:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	15134	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	60404	20.000	ng	# 0.00
39) Acenaphthene-d10	14.624	164	52208	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	138065	20.000	ng	# 0.00
76) Chrysene-d12	21.633	240	152758	20.000	ng	# 0.00
86) Perylene-d12	24.830	264	163183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	92868	128.121	ng	0.00
7) Phenol-d6	7.174	99	126387	127.250	ng	0.00
23) Nitrobenzene-d5	9.154	82	81868	73.808	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	127400	116.222	ng	0.00
45) 2-Fluorobiphenyl	13.243	172	266131	71.910	ng	0.00
79) Terphenyl-d14	19.977	244	600977	78.046	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.408	88	10068	34.913	ng	# 95
3) Pyridine	3.813	79	26266	35.905	ng	96
4) n-Nitrosodimethylamine	3.725	42	17321	42.345	ng	# 83
6) Aniline	7.309	93	36374	31.727	ng	98
8) 2-Chlorophenol	7.556	128	40363	48.455	ng	89
9) Benzaldehyde	7.115	77	18178m	34.843	ng	
10) Phenol	7.197	94	47874	48.514	ng	94
11) bis(2-Chloroethyl)ether	7.397	93	31644	43.980	ng	91
12) 1,3-Dichlorobenzene	7.873	146	44325	43.673	ng	92
13) 1,4-Dichlorobenzene	8.020	146	44912	42.850	ng	95
14) 1,2-Dichlorobenzene	8.337	146	43533	44.045	ng	98
15) Benzyl Alcohol	8.226	79	37852m	46.337	ng	
16) 2,2'-oxybis(1-Chloropr...	8.514	45	40052	44.199	ng	90
17) 2-Methylphenol	8.449	107	34416	48.387	ng	96
18) Hexachloroethane	9.066	117	16004	46.115	ng	# 64
19) n-Nitroso-di-n-propyla...	8.790	70	28784	43.398	ng	# 92
20) 3+4-Methylphenols	8.778	107	47166	47.064	ng	95
22) Acetophenone	8.807	105	59414	40.896	ng	# 97
24) Nitrobenzene	9.195	77	44287	40.854	ng	# 86
25) Isophorone	9.718	82	82904	42.976	ng	# 94
26) 2-Nitrophenol	9.906	139	23757	43.478	ng	89
27) 2,4-Dimethylphenol	9.976	122	39150	51.867	ng	95
28) bis(2-Chloroethoxy)met...	10.194	93	45257	46.515	ng	95
29) 2,4-Dichlorophenol	10.458	162	54078	47.464	ng	88
30) 1,2,4-Trichlorobenzene	10.658	180	58652	41.566	ng	92
31) Naphthalene	10.846	128	125160	41.278	ng	99
32) Benzoic acid	10.147	122	15545m	51.265	ng	
33) 4-Chloroaniline	10.958	127	34369	27.873	ng	92
34) Hexachlorobutadiene	11.128	225	51525	41.318	ng	96
35) Caprolactam	11.733	113	14202m	49.505	ng	
36) 4-Chloro-3-methylphenol	12.098	107	50161	48.394	ng	87
37) 2-Methylnaphthalene	12.450	142	99058	42.541	ng	98
38) 1-Methylnaphthalene	12.673	142	97285	42.877	ng	95
40) 1,2,4,5-Tetrachloroben...	12.826	216	95745	41.859	ng	# 94
41) Hexachlorocyclopentadiene	12.803	237	45976	63.815	ng	90
43) 2,4,6-Trichlorophenol	13.067	196	55210	44.331	ng	99

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44) 2,4,5-Trichlorophenol	13.155	196	59977	42.622	ng	#	92
46) 1,1'-Biphenyl	13.455	154	149945	41.981	ng		98
47) 2-Chloronaphthalene	13.502	162	124030	41.494	ng		96
48) 2-Nitroaniline	13.702	65	34015	43.604	ng		95
49) Acenaphthylene	14.348	152	185661	41.801	ng		98
50) Dimethylphthalate	14.078	163	164926	40.443	ng		99
51) 2,6-Dinitrotoluene	14.201	165	37714	42.164	ng	#	76
52) Acenaphthene	14.689	154	111829	41.579	ng		96
53) 3-Nitroaniline	14.530	138	24763	33.102	ng		94
54) 2,4-Dinitrophenol	14.753	184	39425	76.274	ng	#	78
55) Dibenzofuran	15.024	168	198845	41.552	ng		95
56) 4-Nitrophenol	14.877	139	41312	82.774	ng		91
57) 2,4-Dinitrotoluene	14.994	165	54312	42.356	ng	#	84
58) Fluorene	15.670	166	164797	41.884	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.259	232	56100	40.949	ng	#	86
60) Diethylphthalate	15.435	149	161924	41.391	ng		95
61) 4-Chlorophenyl-phenyle...	15.658	204	110268	42.695	ng	#	88
62) 4-Nitroaniline	15.693	138	31090	39.558	ng		92
63) Azobenzene	15.952	77	119246	42.187	ng		85
65) 4,6-Dinitro-2-methylph...	15.764	198	33124	38.833	ng		80
66) n-Nitrosodiphenylamine	15.875	169	149594	43.398	ng		94
67) 4-Bromophenyl-phenylether	16.551	248	82984	42.796	ng	#	91
68) Hexachlorobenzene	16.680	284	97571	44.001	ng	#	90
69) Atrazine	16.821	200	73838	48.137	ng		93
70) Pentachlorophenol	17.033	266	73263	76.354	ng		97
71) Phenanthrene	17.409	178	288289	41.930	ng		97
72) Anthracene	17.503	178	289075	42.844	ng		99
73) Carbazole	17.773	167	240633	43.320	ng		98
74) Di-n-butylphthalate	18.320	149	274452	41.868	ng	#	98
75) Fluoranthene	19.418	202	378189	40.351	ng		96
77) Benzidine	19.595	184	139100	50.279	ng		98
78) Pyrene	19.783	202	384365	43.852	ng		98
80) Butylbenzylphthalate	20.658	149	116091	42.501	ng	#	84
81) Benzo(a)anthracene	21.616	228	405206	41.787	ng		98
82) 3,3'-Dichlorobenzidine	21.522	252	87569	29.037	ng	#	96
83) Chrysene	21.680	228	376402	41.086	ng		98
84) Bis(2-ethylhexyl)phtha...	21.510	149	164315	42.513	ng	#	93
85) Di-n-octyl phthalate	22.703	149	271639	41.196	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.508	276	502500	40.478	ng	#	97
88) Benzo(b)fluoranthene	23.819	252	424800	44.019	ng	#	98
89) Benzo(k)fluoranthene	23.884	252	410422	42.733	ng	#	96
90) Benzo(a)pyrene	24.683	252	378542	45.931	ng	#	98
91) Dibenzo(a,h)anthracene	28.555	278	438934	43.000	ng	#	95
92) Benzo(g,h,i)perylene	29.648	276	438623	43.536	ng	#	93

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

