

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
 Data File : BG049832.D
 Acq On : 13 Aug 2021 12:43
 Operator : CG/JU
 Sample : PB138328BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138328BS

Manual Integrations
 APPROVED

mohammad
 8/16/2021 12:21:41 PM

Quant Time: Aug 13 15:03:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.031	152	23826	20.000	ng	0.00
21) Naphthalene-d8	10.856	136	105138	20.000	ng	0.00
39) Acenaphthene-d10	14.686	164	78844	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	184901	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	164093	20.000	ng	0.00
86) Perylene-d12	25.008	264	172937	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	192167	144.582	ng	0.00
7) Phenol-d6	7.196	99	271200	134.795	ng	0.00
23) Nitrobenzene-d5	9.205	82	189483	79.751	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	156658	135.178	ng	0.00
45) 2-Fluorobiphenyl	13.306	172	423950	78.241	ng	0.00
79) Terphenyl-d14	20.050	244	814843	90.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.437	88	18207	31.347	ng	94
3) Pyridine	3.848	79	43303	27.199	ng	# 85
4) n-Nitrosodimethylamine	3.760	42	35690	41.689	ng	# 68
6) Aniline	7.349	93	83038	38.942	ng	93
8) 2-Chlorophenol	7.596	128	71815	49.558	ng	97
9) Benzaldehyde	7.161	77	50784	37.829	ng	88
10) Phenol	7.226	94	97587	50.058	ng	92
11) bis(2-Chloroethyl)ether	7.443	93	58953	44.788	ng	89
12) 1,3-Dichlorobenzene	7.919	146	72384	43.614	ng	96
13) 1,4-Dichlorobenzene	8.066	146	72797	43.333	ng	94
14) 1,2-Dichlorobenzene	8.389	146	73917	46.445	ng	94
15) Benzyl Alcohol	8.271	79	82929	49.080	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.559	45	66964	44.773	ng	97
17) 2-Methylphenol	8.483	107	68740	53.546	ng	97
18) Hexachloroethane	9.117	117	28279	43.790	ng	90
19) n-Nitroso-di-n-propyla...	8.841	70	62481	46.407	ng	# 88
20) 3+4-Methylphenols	8.812	107	94107	52.197	ng	96
22) Acetophenone	8.859	105	120943	42.341	ng	# 95
24) Nitrobenzene	9.247	77	100268	39.994	ng	98
25) Isophorone	9.769	82	168294	39.695	ng	97
26) 2-Nitrophenol	9.963	139	42322	44.234	ng	95
27) 2,4-Dimethylphenol	10.022	122	74050	52.364	ng	93
28) bis(2-Chloroethoxy)met...	10.251	93	87729	47.302	ng	# 88
29) 2,4-Dichlorophenol	10.510	162	80680	46.492	ng	93
30) 1,2,4-Trichlorobenzene	10.715	180	81523	42.666	ng	94
31) Naphthalene	10.903	128	229884	41.750	ng	99
32) Benzoic acid	10.181	122	39920	40.803	ng	# 77
33) 4-Chloroaniline	11.015	127	45578	20.967	ng	93
34) Hexachlorobutadiene	11.185	225	55217	39.767	ng	91
35) Caprolactam	11.802	113	27627m	51.526	ng	
36) 4-Chloro-3-methylphenol	12.148	107	96714	48.248	ng	# 94
37) 2-Methylnaphthalene	12.513	142	178193	42.959	ng	95
38) 1-Methylnaphthalene	12.736	142	166184	42.629	ng	97
40) 1,2,4,5-Tetrachloroben...	12.883	216	95865	41.266	ng	97
41) Hexachlorocyclopentadiene	12.853	237	109586	87.295	ng	96
43) 2,4,6-Trichlorophenol	13.124	196	69935	44.653	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.200	196	74097	43.610	ng	89
46) 1,1'-Biphenyl	13.517	154	226014	40.248	ng	98
47) 2-Chloronaphthalene	13.564	162	186169	41.508	ng	97
48) 2-Nitroaniline	13.770	65	71542	43.440	ng	95
49) Acenaphthylene	14.410	152	306558	43.124	ng	96
50) Dimethylphthalate	14.140	163	264754	44.507	ng	98
51) 2,6-Dinitrotoluene	14.263	165	58517	44.678	ng	91
52) Acenaphthene	14.751	154	176752	41.275	ng	93
53) 3-Nitroaniline	14.598	138	32925	25.778	ng	92
54) 2,4-Dinitrophenol	14.815	184	72358	97.313	ng	95
55) Dibenzofuran	15.086	168	290890	41.873	ng	94
56) 4-Nitrophenol	14.921	139	87358	93.619	ng	97
57) 2,4-Dinitrotoluene	15.056	165	84256	45.802	ng	94
58) Fluorene	15.738	166	241923	42.845	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.321	232	71008	44.996	ng	96
60) Diethylphthalate	15.503	149	276821	46.269	ng	97
61) 4-Chlorophenyl-phenyle...	15.726	204	130899	43.434	ng	99
62) 4-Nitroaniline	15.761	138	57803	43.995	ng	93
63) Azobenzene	16.020	77	259630	41.000	ng	85
65) 4,6-Dinitro-2-methylph...	15.826	198	46815	39.390	ng	87
66) n-Nitrosodiphenylamine	15.943	169	214496	41.056	ng	96
67) 4-Bromophenyl-phenylether	16.625	248	91312	41.932	ng	97
68) Hexachlorobenzene	16.748	284	102478	42.357	ng	96
69) Atrazine	16.895	200	98586	47.173	ng	99
70) Pentachlorophenol	17.095	266	108385	83.546	ng	96
71) Phenanthrene	17.482	178	409458	42.091	ng	97
72) Anthracene	17.576	178	417748	43.726	ng	98
73) Carbazole	17.847	167	381218	42.131	ng	98
74) Di-n-butylphthalate	18.393	149	477983	45.315	ng	98
75) Fluoranthene	19.497	202	513831	42.924	ng	99
77) Benzidine	19.674	184	208901	49.686	ng	97
78) Pyrene	19.862	202	508556	45.460	ng	97
80) Butylbenzylphthalate	20.731	149	200939	47.163	ng	98
81) Benzo(a)anthracene	21.706	228	463647	43.387	ng	97
82) 3,3'-Dichlorobenzidine	21.618	252	109316	35.035	ng	99
83) Chrysene	21.777	228	441649	43.235	ng	98
84) Bis(2-ethylhexyl)phtha...	21.595	149	270390	44.834	ng	97
85) Di-n-octyl phthalate	22.822	149	451541	44.320	ng	99
87) Indeno(1,2,3-cd)pyrene	28.767	276	537568	43.102	ng	# 96
88) Benzo(b)fluoranthene	23.962	252	477571m	42.106	ng	
89) Benzo(k)fluoranthene	24.032	252	452382	42.760	ng	99
90) Benzo(a)pyrene	24.855	252	455641	44.390	ng	# 99
91) Dibenzo(a,h)anthracene	28.832	278	456445	43.431	ng	# 95
92) Benzo(g,h,i)perylene	29.948	276	448780	43.586	ng	99

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

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