

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048096.D
 Acq On : 3 Feb 2021 18:16
 Operator : CG/JU
 Sample : PB134441BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134441BS

Manual Integrations
 APPROVED

mohammad
 2/4/2021 11:08:06 AM

Quant Time: Feb 03 23:58:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 02 15:30:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	47563	20.00	ng	# 0.00
21) Naphthalene-d8	10.929	136	186778	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	139763	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	359773	20.00	ng	# 0.00
76) Chrysene-d12	21.757	240	375061	20.00	ng	# 0.00
86) Perylene-d12	25.036	264	375633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	384330	124.18	ng	0.00
7) Phenol-d6	7.268	99	536146	113.94	ng	0.00
23) Nitrobenzene-d5	9.278	82	357254	75.68	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	294670	126.59	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	816548	75.54	ng	0.00
79) Terphenyl-d14	20.083	244	1506635	69.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.555	88	40004	29.00	ng	# 94
3) Pyridine	3.954	79	126657	30.59	ng	89
4) n-Nitrosodimethylamine	3.866	42	77003	40.24	ng	83
6) Aniline	7.439	93	197953	34.82	ng	95
8) 2-Chlorophenol	7.679	128	146569	45.24	ng	92
9) Benzaldehyde	7.245	77	80551	33.37	ng	86
10) Phenol	7.298	94	197310	43.75	ng	79
11) bis(2-Chloroethyl)ether	7.533	93	139553	39.50	ng	98
12) 1,3-Dichlorobenzene	8.008	146	153420	39.24	ng	# 91
13) 1,4-Dichlorobenzene	8.150	146	154012	39.29	ng	95
14) 1,2-Dichlorobenzene	8.473	146	148704	39.74	ng	93
15) Benzyl Alcohol	8.349	79	164479	41.31	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.643	45	180032	36.31	ng	92
17) 2-Methylphenol	8.549	107	132016	43.31	ng	# 85
18) Hexachloroethane	9.207	117	59986	39.23	ng	97
19) n-Nitroso-di-n-propyla...	8.919	70	133921	38.99	ng	96
20) 3+4-Methylphenols	8.878	107	182122	43.18	ng	89
22) Acetophenone	8.937	105	233152	40.50	ng	# 94
24) Nitrobenzene	9.319	77	198246	41.93	ng	# 85
25) Isophorone	9.848	82	350619	41.39	ng	# 95
26) 2-Nitrophenol	10.036	139	82918	42.63	ng	# 70
27) 2,4-Dimethylphenol	10.088	122	139281	49.28	ng	88
28) bis(2-Chloroethoxy)met...	10.323	93	195516	38.36	ng	96
29) 2,4-Dichlorophenol	10.570	162	163266	44.89	ng	97
30) 1,2,4-Trichlorobenzene	10.788	180	176671	40.18	ng	99
31) Naphthalene	10.981	128	440500	40.79	ng	99
32) Benzoic acid	10.218	122	101463	40.08	ng	# 79
33) 4-Chloroaniline	11.081	127	107681	21.82	ng	# 93
34) Hexachlorobutadiene	11.264	225	128828	41.26	ng	100
35) Caprolactam	11.857	113	57154m	41.29	ng	
36) 4-Chloro-3-methylphenol	12.192	107	180115	44.14	ng	87
37) 2-Methylnaphthalene	12.574	142	333864	40.93	ng	# 93
38) 1-Methylnaphthalene	12.791	142	319300	41.03	ng	# 100
40) 1,2,4,5-Tetrachloroben...	12.938	216	230540	43.27	ng	# 97
41) Hexachlorocyclopentadiene	12.920	237	343599	113.85	ng	98
43) 2,4,6-Trichlorophenol	13.173	196	162417	43.71	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.244	196	176909	45.94	ng	#	95
46) 1,1'-Biphenyl	13.578	154	460573	42.63	ng		98
47) 2-Chloronaphthalene	13.620	162	373140	39.68	ng		99
48) 2-Nitroaniline	13.813	65	140630	41.21	ng	#	76
49) Acenaphthylene	14.466	152	576071	41.51	ng		98
50) Dimethylphthalate	14.190	163	521540	41.23	ng		99
51) 2,6-Dinitrotoluene	14.307	165	114180	43.42	ng	#	79
52) Acenaphthene	14.806	154	454866m	48.42	ng		
53) 3-Nitroaniline	14.636	138	75883	26.31	ng		81
54) 2,4-Dinitrophenol	14.842	184	167380	101.79	ng	#	72
55) Dibenzofuran	15.135	168	598668	42.01	ng		95
56) 4-Nitrophenol	14.936	139	194727	86.51	ng	#	51
57) 2,4-Dinitrotoluene	15.094	165	165359	43.54	ng	#	78
58) Fluorene	15.782	166	485757	42.40	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.359	232	178856	46.45	ng	#	96
60) Diethylphthalate	15.553	149	540735	41.58	ng		96
61) 4-Chlorophenyl-phenyle...	15.776	204	298079	42.49	ng		99
62) 4-Nitroaniline	15.799	138	117385	37.36	ng	#	57
63) Azobenzene	16.070	77	515567	42.11	ng		91
65) 4,6-Dinitro-2-methylph...	15.858	198	118396	50.99	ng		87
66) n-Nitrosodiphenylamine	15.987	169	459438	42.49	ng		98
67) 4-Bromophenyl-phenylether	16.669	248	199261	41.45	ng		95
68) Hexachlorobenzene	16.786	284	216428	41.40	ng		97
69) Atrazine	16.933	200	169408	41.25	ng		97
70) Pentachlorophenol	17.127	266	293377	92.42	ng		100
71) Phenanthrene	17.527	178	860026	41.43	ng		97
72) Anthracene	17.615	178	891733	43.68	ng		98
73) Carbazole	17.879	167	789995	41.47	ng		99
74) Di-n-butylphthalate	18.437	149	941665	40.48	ng	#	98
75) Fluoranthene	19.524	202	1145374	42.08	ng		97
77) Benzidine	19.701	184	404641	37.40	ng		98
78) Pyrene	19.889	202	1133044	41.25	ng		99
80) Butylbenzylphthalate	20.770	149	414869	39.55	ng		95
81) Benzo(a)anthracene	21.739	228	1130099	41.46	ng		99
82) 3,3'-Dichlorobenzidine	21.645	252	300392	32.70	ng		97
83) Chrysene	21.804	228	1081222	41.75	ng		99
84) Bis(2-ethylhexyl)phtha...	21.640	149	585044	40.72	ng		96
85) Di-n-octyl phthalate	22.873	149	1002561	41.71	ng		97
87) Indeno(1,2,3-cd)pyrene	28.772	276	1336054	44.22	ng	#	93
88) Benzo(b)fluoranthene	23.996	252	1163566	43.58	ng	#	97
89) Benzo(k)fluoranthene	24.066	252	1136780	43.82	ng	#	97
90) Benzo(a)pyrene	24.883	252	1073872	42.83	ng	#	97
91) Dibenzo(a,h)anthracene	28.849	278	1107547	44.42	ng	#	95
92) Benzo(g,h,i)perylene	29.948	276	1095732	45.62	ng	#	93

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

