

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
 Data File : BG048703.D
 Acq On : 15 Apr 2021 10:48
 Operator : CG/JU
 Sample : PB135705BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135705BS

Manual Integrations
 APPROVED

mohammad
 4/16/2021 11:26:14 AM

Quant Time: Apr 15 11:37:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 15 10:59:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	22371	20.00	ng	0.00
21) Naphthalene-d8	10.911	136	91400	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	68636	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	177819	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	170978	20.00	ng	# 0.00
86) Perylene-d12	25.142	264	153985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	159516	119.26	ng	0.00
7) Phenol-d6	7.245	99	208220	110.05	ng	0.00
23) Nitrobenzene-d5	9.255	82	134754	66.01	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	97297	105.73	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	297086	62.51	ng	0.00
79) Terphenyl-d14	20.107	244	599064	60.30	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.485	88	19246	36.72	ng	# 86
3) Pyridine	3.890	79	54016	39.54	ng	91
4) n-Nitrosodimethylamine	3.802	42	46588	44.67	ng	99
6) Aniline	7.404	93	62951	29.65	ng	# 88
8) 2-Chlorophenol	7.645	128	63262	44.58	ng	98
9) Benzaldehyde	7.210	77	28052	22.38	ng	86
10) Phenol	7.269	94	84394	45.36	ng	97
11) bis(2-Chloroethyl)ether	7.492	93	54745	43.66	ng	94
12) 1,3-Dichlorobenzene	7.974	146	69681	42.71	ng	99
13) 1,4-Dichlorobenzene	8.115	146	69844	42.01	ng	98
14) 1,2-Dichlorobenzene	8.444	146	64237	41.87	ng	93
15) Benzyl Alcohol	8.326	79	69380	41.62	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.602	45	59194	43.55	ng	95
17) 2-Methylphenol	8.526	107	52301	44.04	ng	92
18) Hexachloroethane	9.178	117	26608	40.74	ng	# 83
19) n-Nitroso-di-n-propyla...	8.890	70	52882	41.43	ng	98
20) 3+4-Methylphenols	8.861	107	76540	46.71	ng	91
22) Acetophenone	8.908	105	99318	41.75	ng	# 96
24) Nitrobenzene	9.296	77	85787	42.13	ng	98
25) Isophorone	9.819	82	149656	41.45	ng	96
26) 2-Nitrophenol	10.012	139	35510	40.29	ng	# 92
27) 2,4-Dimethylphenol	10.071	122	66712	49.24	ng	88
28) bis(2-Chloroethoxy)met...	10.306	93	72500	46.09	ng	94
29) 2,4-Dichlorophenol	10.559	162	65288	42.73	ng	92
30) 1,2,4-Trichlorobenzene	10.770	180	72160	40.72	ng	97
31) Naphthalene	10.958	128	191991	40.94	ng	# 96
32) Benzoic acid	10.224	122	33181	41.80	ng	# 88
33) 4-Chloroaniline	11.070	127	35627	18.26	ng	94
34) Hexachlorobutadiene	11.240	225	53309	40.53	ng	94
35) Caprolactam	11.840	113	23029m	44.35	ng	
36) 4-Chloro-3-methylphenol	12.192	107	77201	44.61	ng	92
37) 2-Methylnaphthalene	12.568	142	152672	40.74	ng	94
38) 1-Methylnaphthalene	12.786	142	140524	40.30	ng	100
40) 1,2,4,5-Tetrachloroben...	12.933	216	87955	39.37	ng	96
41) Hexachlorocyclopentadiene	12.909	237	99920	81.86	ng	95
43) 2,4,6-Trichlorophenol	13.174	196	60890	40.84	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	65159	41.15	ng	91
46) 1,1'-Biphenyl	13.573	154	212000	41.82	ng	98
47) 2-Chloronaphthalene	13.614	162	156554	40.42	ng	95
48) 2-Nitroaniline	13.814	65	60010	43.12	ng	92
49) Acenaphthylene	14.466	152	257068	42.55	ng	97
50) Dimethylphthalate	14.190	163	211228	41.03	ng	97
51) 2,6-Dinitrotoluene	14.307	165	48493	40.83	ng	93
52) Acenaphthene	14.807	154	159585	41.59	ng	99
53) 3-Nitroaniline	14.642	138	27801	24.38	ng	97
54) 2,4-Dinitrophenol	14.854	184	55835	78.42	ng	95
55) Dibenzofuran	15.142	168	252947	39.83	ng	# 98
56) 4-Nitrophenol	14.966	139	71650	84.81	ng	98
57) 2,4-Dinitrotoluene	15.101	165	70506	40.88	ng	95
58) Fluorene	15.788	166	215107	41.24	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	60430	41.25	ng	# 98
60) Diethylphthalate	15.547	149	230331	43.24	ng	98
61) 4-Chlorophenyl-phenyle...	15.776	204	119880	41.79	ng	98
62) 4-Nitroaniline	15.812	138	47530	38.99	ng	92
63) Azobenzene	16.070	77	216360	40.34	ng	94
65) 4,6-Dinitro-2-methylph...	15.864	198	43528	36.56	ng	91
66) n-Nitrosodiphenylamine	15.994	169	193718	38.54	ng	96
67) 4-Bromophenyl-phenylether	16.675	248	78312	38.26	ng	95
68) Hexachlorobenzene	16.799	284	80950	39.05	ng	95
69) Atrazine	16.940	200	82024	39.25	ng	96
70) Pentachlorophenol	17.145	266	94606	85.64	ng	97
71) Phenanthrene	17.539	178	358254	38.82	ng	98
72) Anthracene	17.633	178	365242	39.99	ng	98
73) Carbazole	17.897	167	331992	37.95	ng	100
74) Di-n-butylphthalate	18.450	149	405306	41.33	ng	98
75) Fluoranthene	19.548	202	462303	39.61	ng	97
77) Benzidine	19.731	184	121585	26.19	ng	97
78) Pyrene	19.913	202	457356	38.66	ng	97
80) Butylbenzylphthalate	20.794	149	181926	39.33	ng	98
81) Benzo(a)anthracene	21.775	228	458101	39.21	ng	95
82) 3,3'-Dichlorobenzidine	21.687	252	116556	29.09	ng	99
83) Chrysene	21.846	228	423559	38.06	ng	98
84) Bis(2-ethylhexyl)phtha...	21.664	149	261875	40.44	ng	99
85) Di-n-octyl phthalate	22.921	149	446209	40.48	ng	100
87) Indeno(1,2,3-cd)pyrene	28.979	276	529370	46.81	ng	# 96
88) Benzo(b)fluoranthene	24.078	252	476819	45.64	ng	97
89) Benzo(k)fluoranthene	24.143	252	435064	44.29	ng	99
90) Benzo(a)pyrene	24.983	252	415421	43.17	ng	99
91) Dibenzo(a,h)anthracene	29.055	278	440036	45.36	ng	# 97
92) Benzo(g,h,i)perylene	30.177	276	434376	45.36	ng	98

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

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