

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
 Data File : BG048007.D
 Acq On : 26 Jan 2021 14:53
 Operator : CG/JU
 Sample : PB134308BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134308BS

Manual Integrations
 APPROVED

mohammad
 1/27/2021 1:08:18 PM

Quant Time: Jan 26 15:51:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	51023	20.00	ng	0.00
21) Naphthalene-d8	10.949	136	215231	20.00	ng	0.00
39) Acenaphthene-d10	14.756	164	164264	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	412332	20.00	ng	0.00
76) Chrysene-d12	21.771	240	343187	20.00	ng	# 0.00
86) Perylene-d12	25.062	264	350355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	435678	131.23	ng	0.00
7) Phenol-d6	7.282	99	615067	121.85	ng	0.00
23) Nitrobenzene-d5	9.298	82	409106	75.21	ng	0.00
42) 2,4,6-Tribromophenol	16.242	330	345950	126.45	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	956087	75.25	ng	0.00
79) Terphenyl-d14	20.097	244	1549276	78.27	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.575	88	39500	26.69	ng	95
3) Pyridine	3.974	79	129670	29.19	ng	90
4) n-Nitrosodimethylamine	3.880	42	79684	38.82	ng	87
6) Aniline	7.453	93	232951	38.20	ng	96
8) 2-Chlorophenol	7.694	128	167310	48.14	ng	89
9) Benzaldehyde	7.265	77	117390	45.34	ng	86
10) Phenol	7.312	94	231461	47.84	ng	84
11) bis(2-Chloroethyl)ether	7.547	93	160885	42.45	ng	97
12) 1,3-Dichlorobenzene	8.023	146	166757	39.75	ng	# 92
13) 1,4-Dichlorobenzene	8.170	146	167199	39.76	ng	97
14) 1,2-Dichlorobenzene	8.487	146	164215	40.91	ng	95
15) Benzyl Alcohol	8.363	79	192565	45.09	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.663	45	212042	39.87	ng	92
17) 2-Methylphenol	8.563	107	154693	47.30	ng	# 89
18) Hexachloroethane	9.227	117	64527	39.33	ng	94
19) n-Nitroso-di-n-propyla...	8.939	70	156783	42.55	ng	# 97
20) 3+4-Methylphenols	8.892	107	214056	47.31	ng	92
22) Acetophenone	8.957	105	274539	41.39	ng	# 95
24) Nitrobenzene	9.339	77	227319	41.73	ng	# 84
25) Isophorone	9.868	82	422592	43.29	ng	94
26) 2-Nitrophenol	10.050	139	100840	44.99	ng	# 68
27) 2,4-Dimethylphenol	10.103	122	163407	50.17	ng	85
28) bis(2-Chloroethoxy)met...	10.343	93	235872	40.16	ng	98
29) 2,4-Dichlorophenol	10.584	162	196354	46.86	ng	98
30) 1,2,4-Trichlorobenzene	10.808	180	205308	40.52	ng	97
31) Naphthalene	10.996	128	512988	41.22	ng	99
32) Benzoic acid	10.244	122	135289	46.38	ng	# 78
33) 4-Chloroaniline	11.096	127	117717	20.70	ng	# 92
34) Hexachlorobutadiene	11.284	225	144615	40.19	ng	100
35) Caprolactam	11.871	113	70608m	44.26	ng	
36) 4-Chloro-3-methylphenol	12.206	107	214618	45.64	ng	91
37) 2-Methylnaphthalene	12.594	142	398348	42.38	ng	# 94
38) 1-Methylnaphthalene	12.811	142	377440m	42.09	ng	
40) 1,2,4,5-Tetrachloroben...	12.958	216	263819	42.13	ng	# 97
41) Hexachlorocyclopentadiene	12.940	237	362287	102.13	ng	100
43) 2,4,6-Trichlorophenol	13.187	196	195797	44.83	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.258	196	210136	46.43	ng	#	95
46) 1,1'-Biphenyl	13.593	154	544759	42.90	ng		100
47) 2-Chloronaphthalene	13.634	162	437787	39.61	ng		97
48) 2-Nitroaniline	13.828	65	164623	41.04	ng	#	80
49) Acenaphthylene	14.480	152	693796	42.53	ng		99
50) Dimethylphthalate	14.204	163	620348	41.73	ng		100
51) 2,6-Dinitrotoluene	14.321	165	138500	44.81	ng	#	68
52) Acenaphthene	14.821	154	535035m	48.46	ng		
53) 3-Nitroaniline	14.650	138	92725	27.35	ng	#	78
54) 2,4-Dinitrophenol	14.856	184	189684	98.15	ng	#	75
55) Dibenzofuran	15.155	168	707697	42.26	ng		97
56) 4-Nitrophenol	14.950	139	233568	88.29	ng	#	59
57) 2,4-Dinitrotoluene	15.108	165	200154	44.84	ng	#	81
58) Fluorene	15.802	166	573820	42.62	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.373	232	210570	46.53	ng	#	97
60) Diethylphthalate	15.567	149	641510	41.97	ng		95
61) 4-Chlorophenyl-phenyle...	15.790	204	356446	43.23	ng		99
62) 4-Nitroaniline	15.814	138	137293	37.17	ng	#	68
63) Azobenzene	16.084	77	609600	42.37	ng		91
65) 4,6-Dinitro-2-methylph...	15.872	198	133415	50.14	ng		90
66) n-Nitrosodiphenylamine	16.002	169	547952	44.22	ng		97
67) 4-Bromophenyl-phenylether	16.683	248	241887	43.90	ng		97
68) Hexachlorobenzene	16.801	284	255363	42.62	ng		96
69) Atrazine	16.948	200	204238	43.39	ng		98
70) Pentachlorophenol	17.141	266	338114	92.93	ng		97
71) Phenanthrene	17.541	178	1005198	42.26	ng		99
72) Anthracene	17.629	178	1025346	43.83	ng		99
73) Carbazole	17.893	167	902809	41.35	ng		98
74) Di-n-butylphthalate	18.452	149	1076119	40.36	ng	#	98
75) Fluoranthene	19.539	202	1235080	39.60	ng		98
77) Benzidine	19.709	184	406784	41.09	ng		100
78) Pyrene	19.897	202	1205082	47.95	ng		98
80) Butylbenzylphthalate	20.778	149	394660	41.11	ng		88
81) Benzo(a)anthracene	21.754	228	1059698	42.49	ng		98
82) 3,3'-Dichlorobenzidine	21.660	252	287014	34.15	ng	#	98
83) Chrysene	21.818	228	1022323	43.14	ng		98
84) Bis(2-ethylhexyl)phtha...	21.660	149	552542	42.03	ng		97
85) Di-n-octyl phthalate	22.899	149	958727	43.59	ng		97
87) Indeno(1,2,3-cd)pyrene	28.810	276	1246319	44.22	ng	#	89
88) Benzo(b)fluoranthene	24.016	252	1100969	44.21	ng	#	97
89) Benzo(k)fluoranthene	24.086	252	1049467	43.37	ng	#	98
90) Benzo(a)pyrene	24.909	252	1000781	42.80	ng	#	98
91) Dibenzo(a,h)anthracene	28.892	278	1031897	44.37	ng	#	97
92) Benzo(g,h,i)perylene	29.997	276	1013763	45.25	ng	#	93

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

