

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
 Data File : BG047977.D
 Acq On : 22 Jan 2021 14:10
 Operator : CG/JU
 Sample : PB134267BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134267BS

Manual Integrations
 APPROVED

mohammad
 1/25/2021 11:27:33 AM

Quant Time: Jan 22 16:21:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 21 14:42:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	47903	20.00	ng	0.00
21) Naphthalene-d8	10.961	136	188983	20.00	ng	0.00
39) Acenaphthene-d10	14.763	164	142084	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	349084	20.00	ng	# 0.00
76) Chrysene-d12	21.790	240	367836	20.00	ng	# 0.00
86) Perylene-d12	25.092	264	384459	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	353750	120.44	ng	0.00
7) Phenol-d6	7.289	99	487814	110.02	ng	0.00
23) Nitrobenzene-d5	9.304	82	314647	73.21	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	252889	111.22	ng	0.00
45) 2-Fluorobiphenyl	13.394	172	725207	68.16	ng	0.00
79) Terphenyl-d14	20.109	244	1305051	65.60	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.582	88	38973	28.74	ng	# 86
3) Pyridine	3.981	79	120606	29.61	ng	96
4) n-Nitrosodimethylamine	3.893	42	76198	37.28	ng	# 75
6) Aniline	7.459	93	122219	23.10	ng	# 89
8) 2-Chlorophenol	7.706	128	138109	45.69	ng	89
9) Benzaldehyde	7.271	77	105828	42.94	ng	84
10) Phenol	7.318	94	184010	43.83	ng	75
11) bis(2-Chloroethyl)ether	7.553	93	130084	39.38	ng	94
12) 1,3-Dichlorobenzene	8.035	146	149787	38.96	ng	# 89
13) 1,4-Dichlorobenzene	8.176	146	149603	38.80	ng	95
14) 1,2-Dichlorobenzene	8.499	146	142238	38.43	ng	95
15) Benzyl Alcohol	8.376	79	156448	42.24	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.664	45	203656	36.44	ng	99
17) 2-Methylphenol	8.576	107	125188	44.64	ng	# 86
18) Hexachloroethane	9.234	117	55412	38.23	ng	90
19) n-Nitroso-di-n-propyla...	8.946	70	121856	38.83	ng	# 90
20) 3+4-Methylphenols	8.905	107	167333	43.45	ng	90
22) Acetophenone	8.963	105	216785	38.86	ng	# 90
24) Nitrobenzene	9.351	77	182568	42.07	ng	# 85
25) Isophorone	9.874	82	321881	39.88	ng	# 94
26) 2-Nitrophenol	10.062	139	74410	45.92	ng	# 73
27) 2,4-Dimethylphenol	10.115	122	131114	48.59	ng	# 79
28) bis(2-Chloroethoxy)met...	10.356	93	180473	37.59	ng	96
29) 2,4-Dichlorophenol	10.597	162	150474	44.71	ng	99
30) 1,2,4-Trichlorobenzene	10.820	180	164915	38.32	ng	96
31) Naphthalene	11.008	128	415963	39.72	ng	99
32) Benzoic acid	10.244	122	93790	43.29	ng	# 77
33) 4-Chloroaniline	11.102	127	43338	9.35	ng	# 90
34) Hexachlorobutadiene	11.296	225	120169	37.47	ng	96
35) Caprolactam	11.878	113	49918m	39.37	ng	
36) 4-Chloro-3-methylphenol	12.218	107	161435	43.10	ng	87
37) 2-Methylnaphthalene	12.606	142	314832	39.61	ng	# 94
38) 1-Methylnaphthalene	12.824	142	297933	40.04	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.971	216	213585	39.38	ng	# 97
41) Hexachlorocyclopentadiene	12.953	237	288951	99.70	ng	98
43) 2,4,6-Trichlorophenol	13.200	196	142171	41.05	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.270	196	155163	43.74	ng	#	94
46) 1,1'-Biphenyl	13.605	154	424057	39.15	ng		99
47) 2-Chloronaphthalene	13.646	162	330152	37.63	ng		95
48) 2-Nitroaniline	13.840	65	117528	38.35	ng	#	74
49) Acenaphthylene	14.492	152	530375	38.53	ng		98
50) Dimethylphthalate	14.216	163	463385	37.52	ng		98
51) 2,6-Dinitrotoluene	14.334	165	99786	41.97	ng	#	73
52) Acenaphthene	14.833	154	393919	43.15	ng		97
53) 3-Nitroaniline	14.657	138	41905	16.15	ng	#	72
54) 2,4-Dinitrophenol	14.862	184	126251	92.68	ng	#	74
55) Dibenzofuran	15.162	168	515642	37.99	ng		95
56) 4-Nitrophenol	14.956	139	162560	80.25	ng	#	49
57) 2,4-Dinitrotoluene	15.115	165	138409	41.49	ng	#	76
58) Fluorene	15.814	166	439344	38.12	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.385	232	159396m	43.27	ng		
60) Diethylphthalate	15.579	149	445216	36.75	ng		98
61) 4-Chlorophenyl-phenyle...	15.803	204	261217	37.92	ng		98
62) 4-Nitroaniline	15.820	138	96131	33.66	ng	#	69
63) Azobenzene	16.096	77	445595	37.53	ng		90
65) 4,6-Dinitro-2-methylph...	15.879	198	88953	50.59	ng		87
66) n-Nitrosodiphenylamine	16.014	169	409060	40.15	ng		96
67) 4-Bromophenyl-phenylether	16.696	248	182039	39.32	ng		96
68) Hexachlorobenzene	16.813	284	191114	38.89	ng		98
69) Atrazine	16.960	200	147699	38.85	ng		98
70) Pentachlorophenol	17.154	266	258109	91.18	ng		99
71) Phenanthrene	17.553	178	740811	39.24	ng		97
72) Anthracene	17.642	178	766746	41.48	ng		97
73) Carbazole	17.906	167	667753	39.61	ng		99
74) Di-n-butylphthalate	18.464	149	762639	38.00	ng	#	98
75) Fluoranthene	19.551	202	991144	39.44	ng		97
77) Benzidine	19.721	184	310325	32.97	ng		98
78) Pyrene	19.915	202	991141	39.82	ng		98
80) Butylbenzylphthalate	20.797	149	345079	39.14	ng	#	87
81) Benzo(a)anthracene	21.772	228	1005441	39.58	ng		99
82) 3,3'-Dichlorobenzidine	21.678	252	204010	23.21	ng	#	99
83) Chrysene	21.837	228	968045	39.79	ng		99
84) Bis(2-ethylhexyl)phtha...	21.678	149	495694	39.56	ng		96
85) Di-n-octyl phthalate	22.924	149	849013	40.44	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.870	276	1221948	41.53	ng	#	89
88) Benzo(b)fluoranthene	24.046	252	1056746	41.31	ng	#	97
89) Benzo(k)fluoranthene	24.116	252	1037850	41.78	ng	#	96
90) Benzo(a)pyrene	24.939	252	971563	40.32	ng	#	97
91) Dibenzo(a,h)anthracene	28.940	278	1015354	42.32	ng	#	96
92) Benzo(g,h,i)perylene	30.045	276	997869	42.54	ng	#	92

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

