

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047273.D
 Acq On : 10 Nov 2020 17:42
 Operator : CG/JU
 Sample : PB132914BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132914BS

Manual Integrations
 APPROVED

mohammad
 11/11/2020 11:52:43 AM

Quant Time: Nov 11 01:59:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	61176	20.00	ng	0.00
21) Naphthalene-d8	10.819	136	245508	20.00	ng	# 0.00
39) Acenaphthene-d10	14.644	164	178392	20.00	ng	0.00
64) Phenanthrene-d10	17.388	188	419614	20.00	ng	# 0.00
76) Chrysene-d12	21.648	240	411125	20.00	ng	# 0.00
86) Perylene-d12	24.844	264	430268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	464092	122.97	ng	0.00
7) Phenol-d6	7.171	99	631215	115.54	ng	0.01
23) Nitrobenzene-d5	9.174	82	419057	73.25	ng	0.00
42) 2,4,6-Tribromophenol	16.137	330	341837	114.43	ng	0.00
45) 2-Fluorobiphenyl	13.269	172	979665	70.43	ng	0.00
79) Terphenyl-d14	19.997	244	1644890	70.36	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.434	88	46006	24.61	ng	# 84
3) Pyridine	3.833	79	145753	29.16	ng	97
4) n-Nitrosodimethylamine	3.751	42	97006	38.70	ng	# 71
6) Aniline	7.329	93	245964	38.14	ng	95
8) 2-Chlorophenol	7.570	128	175262	43.74	ng	94
9) Benzaldehyde	7.135	77	39161	10.66	ng	# 81
10) Phenol	7.194	94	229960	44.37	ng	77
11) bis(2-Chloroethyl)ether	7.423	93	162361	39.49	ng	91
12) 1,3-Dichlorobenzene	7.899	146	196245	37.63	ng	# 94
13) 1,4-Dichlorobenzene	8.040	146	200919	38.36	ng	97
14) 1,2-Dichlorobenzene	8.363	146	192710	38.80	ng	96
15) Benzyl Alcohol	8.246	79	188251	44.84	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.534	45	244555	38.54	ng	100
17) 2-Methylphenol	8.446	107	156725	44.68	ng	# 89
18) Hexachloroethane	9.092	117	74293	38.74	ng	93
19) n-Nitroso-di-n-propyla...	8.816	70	146119	40.70	ng	92
20) 3+4-Methylphenols	8.780	107	207142	44.09	ng	91
22) Acetophenone	8.827	105	274231	38.74	ng	# 91
24) Nitrobenzene	9.215	77	224354	38.54	ng	# 86
25) Isophorone	9.738	82	393481	40.14	ng	# 93
26) 2-Nitrophenol	9.926	139	104652	41.69	ng	# 78
27) 2,4-Dimethylphenol	9.985	122	165556	49.11	ng	91
28) bis(2-Chloroethoxy)met...	10.220	93	223488	37.67	ng	96
29) 2,4-Dichlorophenol	10.467	162	196432	42.17	ng	96
30) 1,2,4-Trichlorobenzene	10.678	180	213676	37.21	ng	98
31) Naphthalene	10.872	128	537403	38.23	ng	100
32) Benzoic acid	10.132	122	110523	38.23	ng	# 81
33) 4-Chloroaniline	10.972	127	156431	26.46	ng	# 94
34) Hexachlorobutadiene	11.154	225	158631	36.51	ng	98
35) Caprolactam	11.748	113	61125m	40.16	ng	
36) 4-Chloro-3-methylphenol	12.094	107	201838	42.52	ng	92
37) 2-Methylnaphthalene	12.470	142	414530	39.24	ng	# 95
38) 1-Methylnaphthalene	12.694	142	388544	38.71	ng	# 95
40) 1,2,4,5-Tetrachloroben...	12.840	216	275044	39.05	ng	# 97
41) Hexachlorocyclopentadiene	12.817	237	367907	100.78	ng	98
43) 2,4,6-Trichlorophenol	13.075	196	182815	39.92	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.152	196	192217	41.34	ng	#	96
46) 1,1'-Biphenyl	13.475	154	561467	38.44	ng		98
47) 2-Chloronaphthalene	13.522	162	446102	37.45	ng		96
48) 2-Nitroaniline	13.722	65	150613	38.15	ng	#	79
49) Acenaphthylene	14.368	152	674961	38.73	ng		98
50) Dimethylphthalate	14.098	163	592366	37.60	ng		99
51) 2,6-Dinitrotoluene	14.215	165	133706	40.92	ng	#	75
52) Acenaphthene	14.709	154	430932	38.68	ng		93
53) 3-Nitroaniline	14.544	138	94884	29.17	ng	#	78
54) 2,4-Dinitrophenol	14.756	184	170685	81.42	ng	#	72
55) Dibenzofuran	15.044	168	703230	38.39	ng		97
56) 4-Nitrophenol	14.856	139	209509	83.16	ng	#	56
57) 2,4-Dinitrotoluene	15.003	165	189486	39.72	ng	#	78
58) Fluorene	15.690	166	580413	39.43	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.267	232	194730	39.89	ng	#	98
60) Diethylphthalate	15.455	149	603764	38.80	ng		96
61) 4-Chlorophenyl-phenyle...	15.678	204	331596	38.04	ng		98
62) 4-Nitroaniline	15.708	138	128004	36.64	ng	#	61
63) Azobenzene	15.972	77	546583	39.19	ng		89
65) 4,6-Dinitro-2-methylph...	15.772	198	132559	45.44	ng		93
66) n-Nitrosodiphenylamine	15.896	169	524778	40.66	ng		99
67) 4-Bromophenyl-phenylether	16.577	248	229820	39.22	ng		97
68) Hexachlorobenzene	16.695	284	249159	39.13	ng		96
69) Atrazine	16.842	200	189798	34.38	ng		96
70) Pentachlorophenol	17.041	266	305569	88.06	ng		99
71) Phenanthrene	17.435	178	962992	39.55	ng		97
72) Anthracene	17.523	178	972557	41.11	ng		99
73) Carbazole	17.788	167	825695	39.54	ng		98
74) Di-n-butylphthalate	18.346	149	998952	39.11	ng	#	98
75) Fluoranthene	19.439	202	1203386	38.80	ng		97
77) Benzidine	19.615	184	507661	36.82	ng		99
78) Pyrene	19.803	202	1186706	41.45	ng		99
80) Butylbenzylphthalate	20.678	149	435363	40.31	ng		91
81) Benzo(a)anthracene	21.630	228	1180185	40.50	ng		98
82) 3,3'-Dichlorobenzidine	21.548	252	339960	33.71	ng		99
83) Chrysene	21.695	228	1123080	40.04	ng		99
84) Bis(2-ethylhexyl)phtha...	21.530	149	623249	41.25	ng		94
85) Di-n-octyl phthalate	22.729	149	1063452	41.88	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.493	276	1358334	41.59	ng	#	89
88) Benzo(b)fluoranthene	23.833	252	1218347	41.48	ng	#	97
89) Benzo(k)fluoranthene	23.898	252	1192850	41.57	ng	#	97
90) Benzo(a)pyrene	24.697	252	1095605	39.96	ng	#	97
91) Dibenzo(a,h)anthracene	28.551	278	1115986	41.98	ng	#	95
92) Benzo(g,h,i)perylene	29.627	276	1121248	42.53	ng	#	93

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

