

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121720\
 Data File : BG047767.D
 Acq On : 17 Dec 2020 15:12
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121720

Manual Integrations
 APPROVED

mohammad
 12/18/2020 10:29:13 AM

Quant Time: Dec 17 15:57:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.203	152	35282	20.00	ng	0.00
21) Naphthalene-d8	11.029	136	127153	20.00	ng	# 0.00
39) Acenaphthene-d10	14.830	164	99181	20.00	ng	0.00
64) Phenanthrene-d10	17.562	188	247240	20.00	ng	# 0.00
76) Chrysene-d12	21.839	240	247859	20.00	ng	# 0.00
86) Perylene-d12	25.183	264	270445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.729	112	145127	71.16	ng	0.00
7) Phenol-d6	7.345	99	212772	71.37	ng	0.00
23) Nitrobenzene-d5	9.372	82	244019	70.59	ng	0.00
42) 2,4,6-Tribromophenol	16.305	330	122953	72.62	ng	0.00
45) 2-Fluorobiphenyl	13.449	172	530296	69.19	ng	0.00
79) Terphenyl-d14	20.147	244	1031016	68.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	29341	33.48	ng	# 77
3) Pyridine	3.978	79	81732	36.14	ng	# 82
4) n-Nitrosodimethylamine	3.884	42	66358	37.08	ng	# 45
6) Aniline	7.515	93	118647	35.88	ng	# 92
8) 2-Chlorophenol	7.762	128	74128	35.66	ng	95
9) Benzaldehyde	7.327	77	65970	33.76	ng	# 78
10) Phenol	7.368	94	97358	36.02	ng	# 49
11) bis(2-Chloroethyl)ether	7.609	93	67674	35.13	ng	99
12) 1,3-Dichlorobenzene	8.091	146	98277	35.07	ng	# 86
13) 1,4-Dichlorobenzene	8.238	146	97231m	34.72	ng	
14) 1,2-Dichlorobenzene	8.567	146	91099m	34.60	ng	
15) Benzyl Alcohol	8.432	79	99407	37.64	ng	# 80
16) 2,2'-oxybis(1-Chloropr...	8.725	45	65169	34.06	ng	78
17) 2-Methylphenol	8.637	107	65547	34.37	ng	# 73
18) Hexachloroethane	9.301	117	39677	36.14	ng	95
19) n-Nitroso-di-n-propyla...	9.007	70	72647	35.02	ng	# 93
20) 3+4-Methylphenols	8.966	107	92583	35.43	ng	# 88
22) Acetophenone	9.031	105	132054	36.29	ng	# 90
24) Nitrobenzene	9.419	77	115232	35.32	ng	# 78
25) Isophorone	9.936	82	187598	35.99	ng	# 90
26) 2-Nitrophenol	10.130	139	46556	36.07	ng	# 42
27) 2,4-Dimethylphenol	10.183	122	63419	34.13	ng	83
28) bis(2-Chloroethoxy)met...	10.418	93	94936	35.23	ng	100
29) 2,4-Dichlorophenol	10.664	162	84334	34.85	ng	98
30) 1,2,4-Trichlorobenzene	10.888	180	112072	36.10	ng	97
31) Naphthalene	11.081	128	249183	35.66	ng	100
32) Benzoic acid	10.300	122	21090	21.62	ng	# 87
33) 4-Chloroaniline	11.175	127	104637	35.24	ng	# 83
34) Hexachlorobutadiene	11.364	225	97610	35.65	ng	96
35) Caprolactam	11.939	113	27445	35.72	ng	# 73
36) 4-Chloro-3-methylphenol	12.280	107	94999	35.92	ng	86
37) 2-Methylnaphthalene	12.668	142	196319	36.21	ng	# 90
38) 1-Methylnaphthalene	12.885	142	181774	35.47	ng	# 93
40) 1,2,4,5-Tetrachloroben...	13.032	216	138885	34.12	ng	# 96
41) Hexachlorocyclopentadiene	13.015	237	81088	36.79	ng	97
43) 2,4,6-Trichlorophenol	13.261	196	92068	35.40	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.338	196	91879	35.70	ng	#	91
46) 1,1'-Biphenyl	13.667	154	262047	34.62	ng		93
47) 2-Chloronaphthalene	13.714	162	211935	34.44	ng		96
48) 2-Nitroaniline	13.902	65	84572	37.19	ng	#	75
49) Acenaphthylene	14.554	152	321448	35.20	ng		97
50) Dimethylphthalate	14.272	163	295866	34.61	ng		99
51) 2,6-Dinitrotoluene	14.389	165	61802	35.56	ng	#	49
52) Acenaphthene	14.889	154	230947	35.85	ng		99
53) 3-Nitroaniline	14.718	138	61080	35.47	ng		81
54) 2,4-Dinitrophenol	14.924	184	41711	37.46	ng	#	48
55) Dibenzofuran	15.224	168	323830	34.67	ng		92
56) 4-Nitrophenol	15.012	139	47746	38.46	ng	#	34
57) 2,4-Dinitrotoluene	15.171	165	89674	34.71	ng	#	53
58) Fluorene	15.864	166	270887	34.15	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.441	232	93440	35.55	ng	#	93
60) Diethylphthalate	15.617	149	284834	34.55	ng		97
61) 4-Chlorophenyl-phenyle...	15.852	204	176012	35.21	ng		97
62) 4-Nitroaniline	15.876	138	66292	34.99	ng	#	16
63) Azobenzene	16.146	77	268981	35.00	ng		87
65) 4,6-Dinitro-2-methylph...	15.935	198	57209	36.21	ng		80
66) n-Nitrosodiphenylamine	16.064	169	244983	34.63	ng		94
67) 4-Bromophenyl-phenylether	16.745	248	115120	34.65	ng	#	90
68) Hexachlorobenzene	16.869	284	130218	36.13	ng		92
69) Atrazine	16.998	200	106841	35.95	ng		96
70) Pentachlorophenol	17.210	266	73790	39.73	ng		98
71) Phenanthrene	17.603	178	463153	34.75	ng		96
72) Anthracene	17.697	178	443963	34.35	ng		96
73) Carbazole	17.962	167	388630	34.35	ng		97
74) Di-n-butylphthalate	18.496	149	466151	34.95	ng	#	95
75) Fluoranthene	19.595	202	616706	34.51	ng		94
77) Benzidine	19.765	184	236355	35.46	ng		97
78) Pyrene	19.959	202	608042	34.24	ng		95
80) Butylbenzylphthalate	20.823	149	218026	35.80	ng	#	87
81) Benzo(a)anthracene	21.816	228	622109	34.94	ng		96
82) 3,3'-Dichlorobenzidine	21.722	252	218134	34.81	ng	#	98
83) Chrysene	21.886	228	570090	33.90	ng		97
84) Bis(2-ethylhexyl)phtha...	21.698	149	296542	35.33	ng		95
85) Di-n-octyl phthalate	22.956	149	501032	35.21	ng	#	96
87) Indeno(1,2,3-cd)pyrene	29.043	276	719470	35.04	ng	#	83
88) Benzo(b)fluoranthene	24.119	252	661571	35.48	ng	#	94
89) Benzo(k)fluoranthene	24.196	252	634760	35.11	ng	#	94
90) Benzo(a)pyrene	25.030	252	608132	35.05	ng	#	96
91) Dibenzo(a,h)anthracene	29.102	278	577875	34.73	ng	#	91
92) Benzo(g,h,i)perylene	30.247	276	560484	34.45	ng	#	88

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

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