

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031621\
 Data File : BG048389.D
 Acq On : 16 Mar 2021 13:28
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 3/17/2021 10:51:18 AM

Quant Time: Mar 16 14:26:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 16 14:17:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	60813	20.00	ng	0.00
21) Naphthalene-d8	10.935	136	214639	20.00	ng	0.00
39) Acenaphthene-d10	14.754	164	152843	20.00	ng	0.00
64) Phenanthrene-d10	17.504	188	380964	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	384626	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	410667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	349069	97.71	ng	0.00
7) Phenol-d6	7.257	99	507302	93.46	ng	0.00
23) Nitrobenzene-d5	9.284	82	492101	96.98	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	208006	85.08	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	1033678	94.81	ng	0.00
79) Terphenyl-d14	20.112	244	1873944	89.03	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.544	88	78000	47.65	ng	# 92
3) Pyridine	3.943	79	224232	49.54	ng	89
4) n-Nitrosodimethylamine	3.855	42	127480	53.05	ng	# 66
6) Aniline	7.433	93	304110	46.89	ng	# 89
8) 2-Chlorophenol	7.674	128	175043	44.61	ng	83
9) Benzaldehyde	7.245	77	144920	37.69	ng	# 73
10) Phenol	7.286	94	257141	46.85	ng	# 64
11) bis(2-Chloroethyl)ether	7.527	93	185083	43.29	ng	95
12) 1,3-Dichlorobenzene	8.003	146	210607	46.46	ng	# 85
13) 1,4-Dichlorobenzene	8.150	146	215085	47.05	ng	95
14) 1,2-Dichlorobenzene	8.473	146	201001m	46.23	ng	
15) Benzyl Alcohol	8.350	79	232651	48.63	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.638	45	220199	39.71	ng	89
17) 2-Methylphenol	8.544	107	160536	44.86	ng	# 83
18) Hexachloroethane	9.208	117	81259	46.62	ng	95
19) n-Nitroso-di-n-propyla...	8.925	70	191207	45.64	ng	# 95
20) 3+4-Methylphenols	8.878	107	222185	44.55	ng	87
22) Acetophenone	8.937	105	297751	48.32	ng	# 90
24) Nitrobenzene	9.325	77	268774	49.64	ng	# 79
25) Isophorone	9.854	82	501561	49.84	ng	# 91
26) 2-Nitrophenol	10.036	139	86155	38.47	ng	# 73
27) 2,4-Dimethylphenol	10.089	122	163867	50.83	ng	90
28) bis(2-Chloroethoxy)met...	10.330	93	226604	46.07	ng	98
29) 2,4-Dichlorophenol	10.571	162	187405	45.46	ng	96
30) 1,2,4-Trichlorobenzene	10.794	180	227684	48.58	ng	97
31) Naphthalene	10.988	128	572514	48.32	ng	99
32) Benzoic acid	10.224	122	113514	57.48	ng	# 89
33) 4-Chloroaniline	11.088	127	241995	47.08	ng	# 88
34) Hexachlorobutadiene	11.270	225	178611	50.95	ng	100
35) Caprolactam	11.863	113	63701	46.64	ng	98
36) 4-Chloro-3-methylphenol	12.198	107	215086	47.19	ng	86
37) 2-Methylnaphthalene	12.586	142	427342	46.39	ng	# 92
38) 1-Methylnaphthalene	12.803	142	401286	46.05	ng	# 100
40) 1,2,4,5-Tetrachloroben...	12.950	216	270913	49.63	ng	# 97
41) Hexachlorocyclopentadiene	12.933	237	160475	48.21	ng	95
43) 2,4,6-Trichlorophenol	13.185	196	182282	46.47	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.250	196	187352	44.28	ng	#	91
46) 1,1'-Biphenyl	13.591	154	533116	48.69	ng		100
47) 2-Chloronaphthalene	13.632	162	433373	46.51	ng		96
48) 2-Nitroaniline	13.826	65	146656	43.85	ng	#	70
49) Acenaphthylene	14.478	152	687760	47.71	ng		98
50) Dimethylphthalate	14.202	163	588923	46.08	ng		99
51) 2,6-Dinitrotoluene	14.319	165	120522	41.97	ng	#	53
52) Acenaphthene	14.819	154	458969	47.03	ng		97
53) 3-Nitroaniline	14.648	138	115605	40.98	ng	#	63
54) 2,4-Dinitrophenol	14.854	184	62169	33.25	ng	#	79
55) Dibenzofuran	15.153	168	683324	44.78	ng	#	89
56) 4-Nitrophenol	14.942	139	98226	42.48	ng	#	37
57) 2,4-Dinitrotoluene	15.106	165	168815	40.69	ng	#	67
58) Fluorene	15.800	166	577241	47.69	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.371	232	183731	43.36	ng	#	95
60) Diethylphthalate	15.565	149	570640	43.67	ng		97
61) 4-Chlorophenyl-phenyle...	15.794	204	332049	45.55	ng		97
62) 4-Nitroaniline	15.817	138	128633	43.85	ng	#	53
63) Azobenzene	16.088	77	657186	50.40	ng		86
65) 4,6-Dinitro-2-methylph...	15.870	198	93309	33.75	ng		88
66) n-Nitrosodiphenylamine	16.005	169	520861	47.27	ng		95
67) 4-Bromophenyl-phenylether	16.687	248	216868	44.40	ng	#	91
68) Hexachlorobenzene	16.804	284	240566	47.75	ng	#	93
69) Atrazine	16.951	200	197262	43.05	ng		95
70) Pentachlorophenol	17.145	266	150054	45.28	ng		94
71) Phenanthrene	17.545	178	949767	45.91	ng		98
72) Anthracene	17.639	178	930922	45.32	ng		99
73) Carbazole	17.903	167	868600	44.71	ng		97
74) Di-n-butylphthalate	18.461	149	963475	44.75	ng	#	96
75) Fluoranthene	19.554	202	1232885	45.78	ng		96
77) Benzidine	19.730	184	490760	39.05	ng		99
78) Pyrene	19.918	202	1233412	45.92	ng		98
80) Butylbenzylphthalate	20.800	149	431476	45.87	ng	#	86
81) Benzo(a)anthracene	21.781	228	1261230	47.01	ng		99
82) 3,3'-Dichlorobenzidine	21.687	252	451547	46.99	ng		99
83) Chrysene	21.852	228	1212025	47.29	ng		99
84) Bis(2-ethylhexyl)phtha...	21.681	149	624188	47.23	ng	#	94
85) Di-n-octyl phthalate	22.944	149	1061670	47.18	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.973	276	1495870	48.07	ng	#	88
88) Benzo(b)fluoranthene	24.078	252	1361437	47.95	ng	#	97
89) Benzo(k)fluoranthene	24.149	252	1270383	46.90	ng	#	97
90) Benzo(a)pyrene	24.983	252	1250136	47.47	ng	#	97
91) Dibenzo(a,h)anthracene	29.049	278	1265120	47.66	ng	#	95
92) Benzo(g,h,i)perylene	30.171	276	1241035	48.11	ng	#	92

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

