

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021121\
 Data File : BG048143.D
 Acq On : 11 Feb 2021 19:54
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 2/12/2021 11:23:42 AM

Quant Time: Feb 11 23:43:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 17:26:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	56837	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	212916	20.00	ng	0.00
39) Acenaphthene-d10	14.730	164	159610	20.00	ng	0.00
64) Phenanthrene-d10	17.468	188	387551	20.00	ng	# 0.00
76) Chrysene-d12	21.740	240	387246	20.00	ng	# 0.00
86) Perylene-d12	25.001	264	401674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	265891	79.63	ng	0.00
7) Phenol-d6	7.251	99	397963	78.45	ng	0.00
23) Nitrobenzene-d5	9.266	82	406036	80.67	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	202831	79.45	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	891346	78.29	ng	0.00
79) Terphenyl-d14	20.071	244	1584555	74.77	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.549	88	60209	39.35	ng	# 95
3) Pyridine	3.949	79	174510	41.25	ng	92
4) n-Nitrosodimethylamine	3.861	42	88942	39.60	ng	# 72
6) Aniline	7.421	93	233045	38.45	ng	94
8) 2-Chlorophenol	7.662	128	144220	39.32	ng	86
9) Benzaldehyde	7.233	77	138121	38.43	ng	85
10) Phenol	7.280	94	199345	38.86	ng	78
11) bis(2-Chloroethyl)ether	7.515	93	149953	37.52	ng	94
12) 1,3-Dichlorobenzene	7.997	146	165449	39.05	ng	# 92
13) 1,4-Dichlorobenzene	8.138	146	166584	38.99	ng	95
14) 1,2-Dichlorobenzene	8.461	146	157190	38.68	ng	95
15) Benzyl Alcohol	8.332	79	178293	39.88	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.631	45	197493	38.11	ng	93
17) 2-Methylphenol	8.537	107	128419	38.40	ng	# 86
18) Hexachloroethane	9.196	117	62557	38.41	ng	97
19) n-Nitroso-di-n-propyla...	8.908	70	145903	37.26	ng	97
20) 3+4-Methylphenols	8.866	107	178257	38.25	ng	89
22) Acetophenone	8.925	105	240384	39.33	ng	93
24) Nitrobenzene	9.307	77	215721	40.17	ng	# 85
25) Isophorone	9.830	82	389307	39.00	ng	# 93
26) 2-Nitrophenol	10.018	139	91803	41.33	ng	# 73
27) 2,4-Dimethylphenol	10.071	122	130472	40.80	ng	86
28) bis(2-Chloroethoxy)met...	10.312	93	192425	39.44	ng	94
29) 2,4-Dichlorophenol	10.559	162	164113	40.13	ng	96
30) 1,2,4-Trichlorobenzene	10.776	180	188676	40.58	ng	99
31) Naphthalene	10.964	128	462634	39.36	ng	100
32) Benzoic acid	10.206	122	89614	38.61	ng	# 73
33) 4-Chloroaniline	11.064	127	198982	39.03	ng	# 91
34) Hexachlorobutadiene	11.252	225	140609	40.44	ng	97
35) Caprolactam	11.839	113	52861	39.02	ng	95
36) 4-Chloro-3-methylphenol	12.180	107	174395	38.57	ng	89
37) 2-Methylnaphthalene	12.562	142	356951	39.06	ng	# 93
38) 1-Methylnaphthalene	12.780	142	334201	38.66	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.926	216	230551	40.44	ng	# 98
41) Hexachlorocyclopentadiene	12.909	237	144946	41.69	ng	98
43) 2,4,6-Trichlorophenol	13.161	196	166385	40.62	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.232	196	172325	39.00	ng	#	91
46) 1,1'-Biphenyl	13.561	154	448502	39.22	ng		98
47) 2-Chloronaphthalene	13.608	162	382049	39.26	ng		97
48) 2-Nitroaniline	13.802	65	138143	39.55	ng	#	78
49) Acenaphthylene	14.448	152	583908	38.79	ng		98
50) Dimethylphthalate	14.178	163	505018	37.84	ng		98
51) 2,6-Dinitrotoluene	14.295	165	115436	38.49	ng	#	66
52) Acenaphthene	14.789	154	402293	39.48	ng		96
53) 3-Nitroaniline	14.624	138	111893	37.98	ng		81
54) 2,4-Dinitrophenol	14.830	184	76742	39.31	ng	#	73
55) Dibenzofuran	15.124	168	610136	38.29	ng		96
56) 4-Nitrophenol	14.918	139	93050	38.54	ng	#	54
57) 2,4-Dinitrotoluene	15.077	165	166020	38.32	ng	#	74
58) Fluorene	15.770	166	483207	38.22	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.347	232	168468m	38.07	ng		
60) Diethylphthalate	15.535	149	518122	37.97	ng		95
61) 4-Chlorophenyl-phenyle...	15.764	204	295798	38.86	ng		95
62) 4-Nitroaniline	15.788	138	117527	38.37	ng	#	57
63) Azobenzene	16.052	77	520046	38.19	ng		88
65) 4,6-Dinitro-2-methylph...	15.841	198	116442	41.40	ng		79
66) n-Nitrosodiphenylamine	15.976	169	446082	39.80	ng		97
67) 4-Bromophenyl-phenylether	16.657	248	198662	39.98	ng		97
68) Hexachlorobenzene	16.775	284	205591	40.11	ng		95
69) Atrazine	16.916	200	186779	40.07	ng		97
70) Pentachlorophenol	17.116	266	142253	42.20	ng		99
71) Phenanthrene	17.509	178	823286	39.12	ng		97
72) Anthracene	17.603	178	821021	39.29	ng		98
73) Carbazole	17.868	167	775446	39.23	ng		99
74) Di-n-butylphthalate	18.420	149	862638	39.39	ng	#	98
75) Fluoranthene	19.513	202	1079709	39.41	ng		97
77) Benzidine	19.689	184	505598	39.96	ng		99
78) Pyrene	19.871	202	1065770	39.41	ng		98
80) Butylbenzylphthalate	20.753	149	385050	40.65	ng		88
81) Benzo(a)anthracene	21.722	228	1072471	39.70	ng		98
82) 3,3'-Dichlorobenzidine	21.634	252	382094	39.49	ng	#	99
83) Chrysene	21.787	228	1029083	39.88	ng		99
84) Bis(2-ethylhexyl)phtha...	21.622	149	540358	40.61	ng		97
85) Di-n-octyl phthalate	22.850	149	921415	40.67	ng		97
87) Indeno(1,2,3-cd)pyrene	28.726	276	1217632	40.01	ng	#	90
88) Benzo(b)fluoranthene	23.966	252	1117595	40.24	ng	#	98
89) Benzo(k)fluoranthene	24.037	252	1039497	39.24	ng	#	97
90) Benzo(a)pyrene	24.848	252	1019049	39.56	ng	#	97
91) Dibenzo(a,h)anthracene	28.790	278	1026727	39.55	ng	#	96
92) Benzo(g,h,i)perylene	29.889	276	1002440	39.73	ng	#	94

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

