

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072321\
 Data File : BG049420.D
 Acq On : 23 Jul 2021 8:55
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 23 11:14:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:57:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	25344	20.000	ng	# 0.00
21) Naphthalene-d8	10.871	136	96468	20.000	ng	# 0.00
39) Acenaphthene-d10	14.701	164	65417	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	143141	20.000	ng	# 0.00
76) Chrysene-d12	21.733	240	145386	20.000	ng	0.00
86) Perylene-d12	25.010	264	157169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.601	112	121981	81.658	ng	0.00
7) Phenol-d6	7.205	99	175179	80.522	ng	0.00
23) Nitrobenzene-d5	9.220	82	175868	81.681	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	73670	84.093	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	355609	78.220	ng	0.00
79) Terphenyl-d14	20.058	244	587983	78.983	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.475	88	27753	41.010	ng	93
3) Pyridine	3.880	79	74220	43.038	ng	93
4) n-Nitrosodimethylamine	3.798	42	38169	45.070	ng	# 70
6) Aniline	7.370	93	94362	40.106	ng	93
8) 2-Chlorophenol	7.616	128	61637	40.238	ng	93
9) Benzaldehyde	7.182	77	57202	39.580	ng	93
10) Phenol	7.234	94	86495	41.738	ng	96
11) bis(2-Chloroethyl)ether	7.469	93	56203	39.591	ng	88
12) 1,3-Dichlorobenzene	7.939	146	70685	39.026	ng	97
13) 1,4-Dichlorobenzene	8.086	146	72114	39.984	ng	98
14) 1,2-Dichlorobenzene	8.409	146	68164	39.123	ng	95
15) Benzyl Alcohol	8.286	79	73141	41.130	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.574	45	65058	39.233	ng	94
17) 2-Methylphenol	8.492	107	55347	40.114	ng	96
18) Hexachloroethane	9.144	117	27107	38.672	ng	91
19) n-Nitroso-di-n-propyla...	8.862	70	57569	40.275	ng	# 92
20) 3+4-Methylphenols	8.826	107	77051	40.751	ng	96
22) Acetophenone	8.879	105	106563	41.251	ng	# 95
24) Nitrobenzene	9.261	77	92626	40.961	ng	94
25) Isophorone	9.790	82	154693	40.550	ng	96
26) 2-Nitrophenol	9.978	139	34321	41.812	ng	94
27) 2,4-Dimethylphenol	10.031	122	51784	39.461	ng	97
28) bis(2-Chloroethoxy)met...	10.272	93	69680	40.939	ng	# 92
29) 2,4-Dichlorophenol	10.518	162	63555	41.765	ng	94
30) 1,2,4-Trichlorobenzene	10.730	180	67529	39.292	ng	93
31) Naphthalene	10.924	128	203590	40.017	ng	98
32) Benzoic acid	10.178	122	35694	39.189	ng	# 76
33) 4-Chloroaniline	11.029	127	80420	41.421	ng	96
34) Hexachlorobutadiene	11.206	225	50501	41.007	ng	96
35) Caprolactam	11.805	113	19197	40.625	ng	# 86
36) 4-Chloro-3-methylphenol	12.151	107	73791	41.115	ng	# 93
37) 2-Methylnaphthalene	12.527	142	149569	40.280	ng	97
38) 1-Methylnaphthalene	12.751	142	139988	39.430	ng	90
40) 1,2,4,5-Tetrachloroben...	12.897	216	74634	38.581	ng	96
41) Hexachlorocyclopentadiene	12.874	237	41228	44.666	ng	96
43) 2,4,6-Trichlorophenol	13.132	196	52941	41.960	ng	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.209	196	56763	41.588	ng	# 85
46) 1,1'-Biphenyl	13.532	154	183018	38.162	ng	95
47) 2-Chloronaphthalene	13.579	162	145764	39.571	ng	96
48) 2-Nitroaniline	13.779	65	53306	41.584	ng	96
49) Acenaphthylene	14.425	152	228638	38.283	ng	97
50) Dimethylphthalate	14.149	163	191598	40.317	ng	98
51) 2,6-Dinitrotoluene	14.272	165	42514	41.202	ng	97
52) Acenaphthene	14.765	154	136420	37.844	ng	92
53) 3-Nitroaniline	14.601	138	41584	40.193	ng	94
54) 2,4-Dinitrophenol	14.812	184	21176	42.307	ng	97
55) Dibenzofuran	15.100	168	224766	38.858	ng	97
56) 4-Nitrophenol	14.912	139	31576	38.690	ng	# 90
57) 2,4-Dinitrotoluene	15.059	165	59347	41.617	ng	91
58) Fluorene	15.752	166	184232	39.305	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.324	232	49608	39.759	ng	92
60) Diethylphthalate	15.512	149	190000	39.802	ng	97
61) 4-Chlorophenyl-phenyle...	15.741	204	97511	40.900	ng	95
62) 4-Nitroaniline	15.770	138	43692	40.123	ng	# 85
63) Azobenzene	16.034	77	208054	39.358	ng	86
65) 4,6-Dinitro-2-methylph...	15.823	198	33317	42.965	ng	# 75
66) n-Nitrosodiphenylamine	15.952	169	156247	38.002	ng	97
67) 4-Bromophenyl-phenylether	16.634	248	63982	39.464	ng	96
68) Hexachlorobenzene	16.757	284	70299	38.291	ng	96
69) Atrazine	16.898	200	64494	39.586	ng	96
70) Pentachlorophenol	17.103	266	34253	38.615	ng	92
71) Phenanthrene	17.497	178	292796	38.052	ng	97
72) Anthracene	17.585	178	284660	37.639	ng	97
73) Carbazole	17.855	167	275465	38.293	ng	97
74) Di-n-butylphthalate	18.408	149	316220	38.549	ng	98
75) Fluoranthene	19.500	202	367421	38.351	ng	98
77) Benzidine	19.682	184	173181	43.039	ng	99
78) Pyrene	19.864	202	367235	38.484	ng	98
80) Butylbenzylphthalate	20.746	149	142694	41.128	ng	99
81) Benzo(a)anthracene	21.715	228	362239	39.335	ng	97
82) 3,3'-Dichlorobenzidine	21.627	252	108034	40.664	ng	98
83) Chrysene	21.780	228	343007	38.622	ng	97
84) Bis(2-ethylhexyl)phtha...	21.609	149	208274	40.029	ng	97
85) Di-n-octyl phthalate	22.843	149	361330	40.205	ng	100
87) Indeno(1,2,3-cd)pyrene	28.758	276	442379	39.761	ng	98
88) Benzo(b)fluoranthene	23.971	252	397557	39.256	ng	# 97
89) Benzo(k)fluoranthene	24.035	252	379000	40.234	ng	# 99
90) Benzo(a)pyrene	24.858	252	361071	39.336	ng	# 98
91) Dibenzo(a,h)anthracene	28.829	278	374369	40.067	ng	# 94
92) Benzo(g,h,i)perylene	29.933	276	372066	40.242	ng	98

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

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