

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048451.D
 Acq On : 22 Mar 2021 19:54
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 23 00:47:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	56688	20.00	ng	0.00
21) Naphthalene-d8	10.925	136	200168	20.00	ng	0.00
39) Acenaphthene-d10	14.745	164	161903	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	383799	20.00	ng	# 0.00
76) Chrysene-d12	21.789	240	383568	20.00	ng	# 0.00
86) Perylene-d12	25.115	264	391630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	258249	75.34	ng	0.00
7) Phenol-d6	7.247	99	384830	77.15	ng	0.00
23) Nitrobenzene-d5	9.274	82	405410	80.98	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	211003	80.14	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	863521	76.73	ng	0.00
79) Terphenyl-d14	20.103	244	1632093	76.74	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.522	88	51615	35.69	ng	# 89
3) Pyridine	3.928	79	149046	36.97	ng	90
4) n-Nitrosodimethylamine	3.840	42	91141	38.90	ng	# 64
6) Aniline	7.424	93	226343	38.37	ng	91
8) 2-Chlorophenol	7.665	128	140455	39.29	ng	90
9) Benzaldehyde	7.236	77	109401	40.19	ng	# 81
10) Phenol	7.277	94	193254	37.81	ng	73
11) bis(2-Chloroethyl)ether	7.518	93	138859	38.77	ng	97
12) 1,3-Dichlorobenzene	7.994	146	162574	38.23	ng	# 90
13) 1,4-Dichlorobenzene	8.141	146	162518	38.50	ng	95
14) 1,2-Dichlorobenzene	8.464	146	155935	38.50	ng	92
15) Benzyl Alcohol	8.340	79	172773	39.01	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.628	45	148309	36.22	ng	87
17) 2-Methylphenol	8.540	107	125564	38.74	ng	# 85
18) Hexachloroethane	9.198	117	61709	38.00	ng	99
19) n-Nitroso-di-n-propyla...	8.910	70	141467	38.21	ng	97
20) 3+4-Methylphenols	8.869	107	178394	40.18	ng	85
22) Acetophenone	8.928	105	225635	40.08	ng	# 91
24) Nitrobenzene	9.316	77	213659	39.84	ng	# 81
25) Isophorone	9.839	82	395306	41.25	ng	# 92
26) 2-Nitrophenol	10.027	139	84035	41.23	ng	# 58
27) 2,4-Dimethylphenol	10.079	122	131178	41.24	ng	# 83
28) bis(2-Chloroethoxy)met...	10.320	93	171970	39.59	ng	# 94
29) 2,4-Dichlorophenol	10.567	162	155436	42.11	ng	97
30) 1,2,4-Trichlorobenzene	10.784	180	181320	40.64	ng	96
31) Naphthalene	10.978	128	450254	40.57	ng	99
32) Benzoic acid	10.203	122	110981	44.83	ng	# 86
33) 4-Chloroaniline	11.078	127	192308	40.53	ng	# 89
34) Hexachlorobutadiene	11.260	225	141614	40.04	ng	97
35) Caprolactam	11.854	113	54061	41.02	ng	92
36) 4-Chloro-3-methylphenol	12.189	107	179938	42.00	ng	# 83
37) 2-Methylnaphthalene	12.576	142	349517	41.26	ng	# 92
38) 1-Methylnaphthalene	12.800	142	322966	40.54	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.941	216	227690	38.51	ng	# 98
41) Hexachlorocyclopentadiene	12.923	237	143053	37.43	ng	97
43) 2,4,6-Trichlorophenol	13.176	196	160828	40.13	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	172942	39.21	ng	# 92
46) 1,1'-Biphenyl	13.581	154	439102	37.79	ng	99
47) 2-Chloronaphthalene	13.622	162	355561	37.95	ng	95
48) 2-Nitroaniline	13.822	65	139873	40.34	ng	# 72
49) Acenaphthylene	14.468	152	575027	37.91	ng	98
50) Dimethylphthalate	14.192	163	502654	38.15	ng	98
51) 2,6-Dinitrotoluene	14.310	165	113075	39.88	ng	# 67
52) Acenaphthene	14.809	154	401319	39.36	ng	100
53) 3-Nitroaniline	14.645	138	110225	40.59	ng	# 78
54) 2,4-Dinitrophenol	14.844	184	73708	42.59	ng	# 65
55) Dibenzofuran	15.144	168	589282	38.81	ng	92
56) 4-Nitrophenol	14.938	139	96287	39.63	ng	# 47
57) 2,4-Dinitrotoluene	15.097	165	165196	41.02	ng	# 68
58) Fluorene	15.796	166	488234	38.31	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.361	232	171138	39.32	ng	97
60) Diethylphthalate	15.555	149	496937	38.58	ng	96
61) 4-Chlorophenyl-phenyle...	15.785	204	285735	38.97	ng	96
62) 4-Nitroaniline	15.808	138	115110	38.70	ng	# 51
63) Azobenzene	16.078	77	522387	37.27	ng	88
65) 4,6-Dinitro-2-methylph...	15.861	198	107922	44.65	ng	80
66) n-Nitrosodiphenylamine	15.996	169	450815	40.55	ng	97
67) 4-Bromophenyl-phenylether	16.678	248	197311	40.82	ng	94
68) Hexachlorobenzene	16.795	284	214046	41.33	ng	96
69) Atrazine	16.942	200	178939	40.01	ng	99
70) Pentachlorophenol	17.136	266	147524	42.85	ng	98
71) Phenanthrene	17.541	178	811827	40.04	ng	99
72) Anthracene	17.629	178	807150	40.13	ng	99
73) Carbazole	17.900	167	748551	39.02	ng	99
74) Di-n-butylphthalate	18.452	149	835310	39.34	ng	# 97
75) Fluoranthene	19.551	202	1057493	39.17	ng	95
77) Benzidine	19.721	184	457122	39.79	ng	97
78) Pyrene	19.909	202	1054190	40.02	ng	98
80) Butylbenzylphthalate	20.790	149	375087	40.06	ng	# 86
81) Benzo(a)anthracene	21.766	228	1059387	39.82	ng	99
82) 3,3'-Dichlorobenzidine	21.678	252	385692	40.17	ng	96
83) Chrysene	21.836	228	1024453	40.17	ng	99
84) Bis(2-ethylhexyl)phtha...	21.666	149	522994	40.43	ng	97
85) Di-n-octyl phthalate	22.923	149	868364	40.09	ng	# 96
87) Indeno(1,2,3-cd)pyrene	28.940	276	1183133	39.61	ng	# 83
88) Benzo(b)fluoranthene	24.057	252	1061654	38.47	ng	# 96
89) Benzo(k)fluoranthene	24.134	252	1040413	39.96	ng	# 95
90) Benzo(a)pyrene	24.968	252	996023	39.58	ng	# 96
91) Dibenzo(a,h)anthracene	29.016	278	1005085	39.45	ng	# 93
92) Benzo(g,h,i)perylene	30.138	276	967595	39.14	ng	# 92

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

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