

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032296.D
 Acq On : 25 Jan 2018 16:44
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 26 01:21:19 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	30914	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	138191	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	107031	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	288811	20.00	ng	0.00
75) Chrysene-d12	22.42	240	337791	20.00	ng	0.00
86) Perylene-d12	26.10	264	371193	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	128314	75.91	ng	0.00
7) Phenol-d6	7.84	99	176152	82.75	ng	0.00
23) Nitrobenzene-d5	9.92	82	182688	89.44	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	165841	93.64	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	695417	80.56	ng	0.00
78) Terphenyl-d14	20.63	244	1212810	79.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.82	88	20681	31.848	ng	# 71
3) Pyridine	4.27	79	60941	35.158	ng	88
4) n-Nitrosodimethylamine	4.17	42	28583	46.938	ng	# 79
6) Aniline	8.02	93	111394	41.486	ng	97
8) 2-Chlorophenol	8.27	128	75921	40.140	ng	83
9) Benzaldehyde	7.83	77	54027	43.803	ng	93
10) Phenol	7.86	94	85878	40.952	ng	95
11) bis(2-Chloroethyl)ether	8.11	93	63879	38.022	ng	# 80
12) 1,3-Dichlorobenzene	8.61	146	98176	39.660	ng	94
13) 1,4-Dichlorobenzene	8.76	146	100584	40.355	ng	90
14) 1,2-Dichlorobenzene	9.09	146	96913	40.201	ng	97
15) Benzyl Alcohol	8.96	79	76665	49.574	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	9.25	45	63977	37.471	ng	80
17) 2-Methylphenol	9.16	107	67566	42.160	ng	94
18) Hexachloroethane	9.84	117	32790	42.806	ng	# 77
19) n-Nitroso-di-n-propylamine	9.53	70	62383	47.230	ng	# 88
20) 3+4-Methylphenols	9.49	107	99789	44.947	ng	96
22) Acetophenone	9.57	105	133587	42.557	ng	# 93
24) Nitrobenzene	9.96	77	87623	43.006	ng	# 91
25) Isophorone	10.48	82	168815	44.385	ng	# 83
26) 2-Nitrophenol	10.69	139	55790	46.212	ng	# 85
27) 2,4-Dimethylphenol	10.73	122	79930	41.722	ng	97
28) bis(2-Chloroethoxy)methane	10.97	93	90399	39.449	ng	# 96
29) 2,4-Dichlorophenol	11.23	162	105316	44.676	ng	90
30) 1,2,4-Trichlorobenzene	11.45	180	132226	43.432	ng	96
31) Naphthalene	11.65	128	282064	41.203	ng	99
32) Benzoic acid	10.83	122	43452	30.434	ng	# 81
33) 4-Chloroaniline	11.75	127	127353	43.383	ng	95
34) Hexachlorobutadiene	11.92	225	100261	45.851	ng	98
35) Caprolactam	12.51	113	34838	48.714	ng	# 47
36) 4-Chloro-3-methylphenol	12.83	107	105925	49.091	ng	# 85
37) 2-Methylnaphthalene	13.22	142	235528	43.336	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	196259	42.066	ng	# 95
40) Hexachlorocyclopentadiene	13.55	237	139197	52.972	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	118645	45.259	nq	98
43) 2,4,5-Trichlorophenol	13.88	196	137917	45.453	nq #	91
45) 1,1'-Biphenyl	14.20	154	366564	39.950	nq	96
46) 2-Chloronaphthalene	14.25	162	280091	39.240	nq	96
47) 2-Nitroaniline	14.44	65	67339	49.279	nq #	76
48) Acenaphthylene	15.09	152	439377	40.422	nq	98
49) Dimethylphthalate	14.79	163	402451	42.969	nq	100
50) 2,6-Dinitrotoluene	14.92	165	86697	44.595	nq #	74
51) Acenaphthene	15.43	154	295010	41.045	nq	100
52) 3-Nitroaniline	15.25	138	79799	45.447	nq #	78
53) 2,4-Dinitrophenol	15.44	184	34500	39.261	nq #	40
54) Dibenzofuran	15.76	168	442843	41.302	nq	99
55) 4-Nitrophenol	15.53	139	72124	56.364	nq #	79
56) 2,4-Dinitrotoluene	15.70	165	126662	48.393	nq #	73
57) Fluorene	16.40	166	373362	42.459	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.97	232	133454	47.544	nq #	86
59) Diethylphthalate	16.13	149	394088	43.402	nq	96
60) 4-Chlorophenyl-phenylether	16.37	204	240816	44.643	nq	95
61) 4-Nitroaniline	16.40	138	82857	49.193	nq	88
62) Azobenzene	16.67	77	241629	42.516	nq	86
64) 4,6-Dinitro-2-methylphenol	16.45	198	74189	40.933	nq #	70
65) n-Nitrosodiphenylamine	16.58	169	348089	39.719	nq	97
66) 4-Bromophenyl-phenylether	17.27	248	169972	41.363	nq	95
67) Hexachlorobenzene	17.39	284	181344	39.889	nq #	91
68) Atrazine	17.51	200	151784	41.183	nq	95
69) Pentachlorophenol	17.73	266	113504	39.060	nq	95
70) Phenanthrene	18.13	178	628187	39.067	nq	99
71) Anthracene	18.22	178	637764	39.766	nq	98
72) Carbazole	18.48	167	555259	39.910	nq	100
73) Di-n-butylphthalate	18.99	149	632797	38.492	nq	100
74) Fluoranthene	20.10	202	808022	40.135	nq	95
76) Benzidine	20.26	184	264785	31.347	nq	99
77) Pyrene	20.46	202	829148	39.047	nq	98
79) Butylbenzylphthalate	21.31	149	288760	37.954	nq #	75
80) Benzo(a)anthracene	22.40	228	857975	40.842	nq	98
81) 3,3'-Dichlorobenzidine	22.29	252	342121	43.596	nq #	97
82) Chrysene	22.48	228	829952	41.138	nq	98
83) Bis(2-ethylhexyl)phthalate	22.24	149	404670	36.271	nq #	96
84) Di-n-octyl phthalate	23.61	149	657400	37.100	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.37	276	1057792	42.843	nq #	86
87) Benzo(b)fluoranthene	24.92	252	915001	40.782	nq #	95
88) Benzo(k)fluoranthene	25.00	252	888005	40.503	nq #	96
89) Benzo(a)pyrene	25.93	252	872429	41.105	nq #	96
90) Dibenzo(a,h)anthracene	30.44	278	886074	43.323	nq #	95
91) Benzo(g,h,i)perylene	31.71	276	878464	42.023	nq #	92

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

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