

Data Path : Z:\HPCHEM1\BNA N\Data\BN020918\
 Data File : BN000050.D
 Acq On : 09 Feb 2018 09:42
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:33:24 AM

Quant Time: Feb 12 14:06:57 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.469	152	436511	20.00	ng	0.00
21) Naphthalene-d8	11.304	136	2181645	20.00	ng	0.00
38) Acenaphthene-d10	15.075	164	1288441	20.00	ng	0.00
63) Phenanthrene-d10	17.798	188	2813435	20.00	ng	0.00
75) Chrysene-d12	21.916	240	3121091	20.00	ng	0.00
86) Perylene-d12	24.404	264	3494058	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.940	112	2165009	80.83	ng	0.00
7) Phenol-d6	7.587	99	3266649	80.52	ng	0.00
23) Nitrobenzene-d5	9.646	82	2938565	80.08	ng	0.00
41) 2,4,6-Tribromophenol	16.545	330	1011462	79.31	ng	0.00
44) 2-Fluorobiphenyl	13.710	172	6974413	76.29	ng	0.00
78) Terphenyl-d14	20.357	244	8775255	75.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.658	88	420291	39.00	ng	95
3) Pyridine	4.099	79	1377869	41.07	ng	98
4) n-Nitrosodimethylamine	4.011	42	377145	39.75	ng	# 96
6) Aniline	7.769	93	2207132	39.49	ng	91
8) 2-Chlorophenol	8.016	128	1246040	39.78	ng	87
9) Benzaldehyde	7.581	77	948989	37.60	ng	86
10) Phenol	7.616	94	1707653	39.87	ng	85
11) bis(2-Chloroethyl)ether	7.863	93	1359696	38.60	ng	# 83
12) 1,3-Dichlorobenzene	8.352	146	1377029	38.69	ng	99
13) 1,4-Dichlorobenzene	8.505	146	1404009	38.63	ng	96
14) 1,2-Dichlorobenzene	8.828	146	1381856	38.62	ng	97
15) Benzyl Alcohol	8.699	79	1151073	39.47	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.993	45	1409562	37.81	ng	80
17) 2-Methylphenol	8.893	107	1215545	39.94	ng	94
18) Hexachloroethane	9.575	117	497350	39.31	ng	# 83
19) n-Nitroso-di-n-propyla...	9.275	70	1049112	38.59	ng	# 81
20) 3+4-Methylphenols	9.222	107	1706521	40.09	ng	93
22) Acetophenone	9.299	105	2388793	39.07	ng	# 86
24) Nitrobenzene	9.687	77	1584471	39.50	ng	# 91
25) Isophorone	10.210	82	2969331	39.15	ng	97
26) 2-Nitrophenol	10.405	139	561233	36.22	ng	90
27) 2,4-Dimethylphenol	10.446	122	1269388	38.60	ng	94
28) bis(2-Chloroethoxy)met...	10.687	93	1862395	38.28	ng	97
29) 2,4-Dichlorophenol	10.940	162	1179934	38.77	ng	96
30) 1,2,4-Trichlorobenzene	11.163	180	1341346	38.27	ng	98
31) Naphthalene	11.357	128	4561195	38.14	ng	98
32) Benzoic acid	10.557	122	791490	35.84	ng	87
33) 4-Chloroaniline	11.452	127	2074043	39.47	ng	94
34) Hexachlorobutadiene	11.634	225	692212	38.09	ng	97
35) Caprolactam	12.204	113	495112	38.12	ng	94
36) 4-Chloro-3-methylphenol	12.534	107	1501903	38.87	ng	98
37) 2-Methylnaphthalene	12.934	142	3188568	38.32	ng	97
39) 1,2,4,5-Tetrachloroben...	13.293	216	1452278	38.19	ng	# 96
40) Hexachlorocyclopentadiene	13.269	237	591221	37.29	ng	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.516	196	885457	38.85	nq	98
43) 2,4,5-Trichlorophenol	13.587	196	1072157	39.13	nq	# 93
45) 1,1'-Biphenyl	13.922	154	4309760	37.98	nq	98
46) 2-Chloronaphthalene	13.969	162	3247512	38.14	nq	97
47) 2-Nitroaniline	14.151	65	918592	37.92	nq	# 84
48) Acenaphthylene	14.804	152	5411581	39.45	nq	98
49) Dimethylphthalate	14.516	163	4211411	39.10	nq	99
50) 2,6-Dinitrotoluene	14.640	165	873424	39.28	nq	# 91
51) Acenaphthene	15.140	154	3433720	38.45	nq	98
52) 3-Nitroaniline	14.963	138	1079223	39.93	nq	# 90
53) 2,4-Dinitrophenol	15.163	184	248800	37.14	nq	# 10
54) Dibenzofuran	15.469	168	4836215	38.24	nq	96
55) 4-Nitrophenol	15.240	139	797660	38.75	nq	# 84
56) 2,4-Dinitrotoluene	15.416	165	1188533	38.27	nq	# 91
57) Fluorene	16.110	166	3985534	38.60	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.681	232	855664m	39.57	nq	
59) Diethylphthalate	15.863	149	4340363	39.66	nq	98
60) 4-Chlorophenyl-phenyle...	16.098	204	1790633	38.05	nq	93
61) 4-Nitroaniline	16.116	138	1148881	41.37	nq	89
62) Azobenzene	16.387	77	4320903	39.66	nq	90
64) 4,6-Dinitro-2-methylph...	16.169	198	460119	36.98	nq	88
65) n-Nitrosodiphenylamine	16.304	169	3542114	38.69	nq	97
66) 4-Bromophenyl-phenylether	16.987	248	1012527	37.85	nq	# 89
67) Hexachlorobenzene	17.104	284	1182858	37.86	nq	# 90
68) Atrazine	17.234	200	1150621	38.62	nq	95
69) Pentachlorophenol	17.439	266	740629	37.75	nq	99
70) Phenanthrene	17.839	178	6358437	38.26	nq	99
71) Anthracene	17.928	178	6332549	39.35	nq	99
72) Carbazole	18.186	167	6456845	39.83	nq	# 96
73) Di-n-butylphthalate	18.722	149	7241777	40.47	nq	99
74) Fluoranthene	19.816	202	7038184	40.37	nq	93
76) Benzidine	19.980	184	3889771	39.10	nq	95
77) Pyrene	20.175	202	7592867	38.28	nq	98
79) Butylbenzylphthalate	21.033	149	3341088	36.90	nq	96
80) Benzo(a)anthracene	21.898	228	7436106	38.76	nq	99
81) 3,3'-Dichlorobenzidine	21.822	252	2771100	39.33	nq	# 97
82) Chrysene	21.957	228	7260290	37.98	nq	97
83) Bis(2-ethylhexyl)phtha...	21.798	149	5242598	38.17	nq	# 96
84) Di-n-octyl phthalate	22.757	149	8445752	37.30	nq	# 93
85) Indeno(1,2,3-cd)pyrene	26.980	276	9679027	41.22	nq	# 86
87) Benzo(b)fluoranthene	23.651	252	7914063	38.70	nq	# 96
88) Benzo(k)fluoranthene	23.698	252	7805626	37.89	nq	# 95
89) Benzo(a)pyrene	24.298	252	7651580	39.01	nq	# 95
90) Dibenzo(a,h)anthracene	26.986	278	8132963	39.65	nq	# 91
91) Benzo(g,h,i)perylene	27.768	276	8120336	39.15	nq	# 88

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

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