

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000039.D
 Acq On : 07 Feb 2018 15:45
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN020718

Manual Integrations
 APPROVED

Sohil
 2/8/2018 3:37:33 PM

Quant Time: Feb 07 18:37:13 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	8.47	152	318527	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	1600929	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	969940	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2125963	20.00	ng	0.00
75) Chrysene-d12	21.95	240	2308245	20.00	ng	0.03
86) Perylene-d12	24.46	264	2503414	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	1645847	84.21	ng	0.00
7) Phenol-d6	7.59	99	2548955	86.10	ng	0.00
23) Nitrobenzene-d5	9.65	82	2397941	89.06	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	822888	85.71	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	5814901	84.50	ng	0.00
78) Terphenyl-d14	20.37	244	7315651	85.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	312649	39.755	ng	95
3) Pyridine	4.10	79	1045907	42.724	ng	97
4) n-Nitrosodimethylamine	4.00	42	281039	40.595	ng	# 88
6) Aniline	7.78	93	1727906	42.365	ng	90
8) 2-Chlorophenol	8.02	128	964277	42.190	ng	86
9) Benzaldehyde	7.59	77	776585	42.165	ng	84
10) Phenol	7.62	94	1334911	42.716	ng	86
11) bis(2-Chloroethyl)ether	7.87	93	1061533	41.301	ng	# 82
12) 1,3-Dichlorobenzene	8.36	146	1053346	40.560	ng	98
13) 1,4-Dichlorobenzene	8.51	146	1071585	40.406	ng	98
14) 1,2-Dichlorobenzene	8.83	146	1076672	41.242	ng	97
15) Benzyl Alcohol	8.70	79	938570	44.109	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.00	45	1111173	40.844	ng	80
17) 2-Methylphenol	8.90	107	964410	43.426	ng	94
18) Hexachloroethane	9.58	117	383614	41.552	ng	# 83
19) n-Nitroso-di-n-propylamine	9.28	70	868145	43.762	ng	# 82
20) 3+4-Methylphenols	9.23	107	1362577	43.869	ng	92
22) Acetophenone	9.30	105	1906829	42.505	ng	# 88
24) Nitrobenzene	9.69	77	1287811	43.749	ng	# 91
25) Isophorone	10.21	82	2478922	44.536	ng	97
26) 2-Nitrophenol	10.41	139	466746	40.087	ng	# 89
27) 2,4-Dimethylphenol	10.45	122	1038571	43.039	ng	94
28) bis(2-Chloroethoxy)methane	10.69	93	1510551	42.315	ng	97
29) 2,4-Dichlorophenol	10.94	162	952250	42.641	ng	97
30) 1,2,4-Trichlorobenzene	11.17	180	1061389	41.271	ng	97
31) Naphthalene	11.36	128	3670810	41.824	ng	98
32) Benzoic acid	10.55	122	679004	40.116	ng	85
33) 4-Chloroaniline	11.46	127	1663851	43.154	ng	94
34) Hexachlorobutadiene	11.64	225	555211	41.634	ng	97
35) Caprolactam	12.20	113	414729	42.948	ng	93
36) 4-Chloro-3-methylphenol	12.54	107	1221009	43.066	ng	96
37) 2-Methylnaphthalene	12.94	142	2588464	42.387	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	1189062	41.533	ng	# 96
40) Hexachlorocyclopentadiene	13.27	237	482273	40.411	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	731904	42.654	nq	98
43) 2,4,5-Trichlorophenol	13.59	196	873381	42.340	nq	95
45) 1,1'-Biphenyl	13.92	154	3583871	41.953	nq	98
46) 2-Chloronaphthalene	13.97	162	2685349	41.895	nq	97
47) 2-Nitroaniline	14.16	65	765939	41.479	nq #	82
48) Acenaphthylene	14.81	152	4493800	43.516	nq	98
49) Dimethylphthalate	14.52	163	3530037	43.537	nq	99
50) 2,6-Dinitrotoluene	14.64	165	726217	43.387	nq	93
51) Acenaphthene	15.15	154	2845830	42.335	nq	99
52) 3-Nitroaniline	14.97	138	889447	43.715	nq #	89
53) 2,4-Dinitrophenol	15.17	184	203436	39.542	nq #	1
54) Dibenzofuran	15.47	168	4035020	42.384	nq	96
55) 4-Nitrophenol	15.25	139	656307	41.890	nq #	82
56) 2,4-Dinitrotoluene	15.42	165	984228	41.678	nq	92
57) Fluorene	16.12	166	3334440	42.896	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.69	232	708286m	43.508	nq	
59) Diethylphthalate	15.87	149	3650889	44.309	nq	97
60) 4-Chlorophenyl-phenylether	16.10	204	1493649	42.164	nq	92
61) 4-Nitroaniline	16.12	138	946374	45.268	nq	89
62) Azobenzene	16.39	77	3622706	44.168	nq	91
64) 4,6-Dinitro-2-methylphenol	16.17	198	375692	39.260	nq	88
65) n-Nitrosodiphenylamine	16.31	169	2965263	42.865	nq	96
66) 4-Bromophenyl-phenylether	16.99	248	845333	41.813	nq #	85
67) Hexachlorobenzene	17.10	284	984300	41.690	nq #	88
68) Atrazine	17.23	200	958922	42.592	nq	93
69) Pentachlorophenol	17.44	266	601112	40.113	nq	98
70) Phenanthrene	17.85	178	5290775	42.131	nq	100
71) Anthracene	17.93	178	5284961	43.464	nq	99
72) Carbazole	18.19	167	5348093	43.658	nq	98
73) Di-n-butylphthalate	18.73	149	6107327	45.162	nq	99
74) Fluoranthene	19.82	202	5862019	44.495	nq	93
76) Benzidine	19.99	184	3049095	41.439	nq #	94
77) Pyrene	20.18	202	6298893	42.936	nq	98
79) Butylbenzylphthalate	21.05	149	2758097	40.568	nq	98
80) Benzo(a)anthracene	21.93	228	6086654	42.901	nq	99
81) 3,3'-Dichlorobenzidine	21.85	252	2214876	42.504	nq #	98
82) Chrysene	21.99	228	6017525	42.561	nq	98
83) Bis(2-ethylhexyl)phthalate	21.83	149	4285619	41.889	nq #	95
84) Di-n-octyl phthalate	22.80	149	6856070	40.793	nq #	93
85) Indeno(1,2,3-cd)pyrene	27.04	276	7732995	44.525	nq #	86
87) Benzo(b)fluoranthene	23.70	252	6317936	43.116	nq #	97
88) Benzo(k)fluoranthene	23.74	252	6352218	43.042	nq #	94
89) Benzo(a)pyrene	24.35	252	6092754	43.358	nq #	95
90) Dibenzo(a,h)anthracene	27.05	278	6509122	44.295	nq #	91
91) Benzo(g,h,i)perylene	27.83	276	6571384	44.224	nq #	88

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

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