

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042418.D
 Acq On : 23 Aug 2019 2:02
 Operator : HP/JU
 Sample : K4421-13MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUNSET-PARK-SB-1-COMPMS

Manual Integrations
 APPROVED

Jagrut
 8/23/2019 2:54:22 PM

Quant Time: Aug 23 05:36:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	104485	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	418398	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	232773	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	479608	20.00	ng	0.00
76) Chrysene-d12	21.70	240	474451	20.00	ng	0.00
87) Perylene-d12	24.94	264	555636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	640347	124.12	ng	0.00
7) Phenol-d6	7.17	99	751776	107.88	ng	0.00
23) Nitrobenzene-d5	9.17	82	420831	69.51	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	362368	109.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1082815	78.68	ng	0.00
79) Terphenyl-d14	20.03	244	1695068	77.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	58658	27.245	ng	95
3) Pyridine	3.82	79	149108	27.009	ng	93
4) n-Nitrosodimethylamine	3.74	42	58008	29.419	ng	83
6) Aniline	7.32	93	142014	15.279	ng	99
8) 2-Chlorophenol	7.57	128	180456	28.862	ng	96
9) Benzaldehyde	7.13	77	65969	18.909	ng	95
10) Phenol	7.20	94	217811	30.741	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	167408	30.085	ng	98
12) 1,3-Dichlorobenzene	7.89	146	233621	29.372	ng	98
13) 1,4-Dichlorobenzene	8.04	146	227143	28.193	ng	99
14) 1,2-Dichlorobenzene	8.36	146	192039	24.890	ng	99
15) Benzyl Alcohol	8.24	79	133113	26.551	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	218214	28.933	ng	100
17) 2-Methylphenol	8.45	107	146247	28.023	ng	96
18) Hexachloroethane	9.09	117	68617	24.878	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	113400	25.118	ng	97
20) 3+4-Methylphenols	8.78	107	216114	29.927	ng	98
22) Acetophenone	8.83	105	242707	27.122	ng	# 99
24) Nitrobenzene	9.22	77	171035	27.896	ng	97
25) Isophorone	9.74	82	386231	32.323	ng	98
26) 2-Nitrophenol	9.93	139	103734	26.999	ng	98
27) 2,4-Dimethylphenol	9.99	122	167736	31.692	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	203132	26.972	ng	99
29) 2,4-Dichlorophenol	10.47	162	233991	33.791	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	247265	29.092	ng	97
31) Naphthalene	10.87	128	654093	33.672	ng	99
32) Benzoic acid	10.10	122	10171m	10.367	ng	
33) 4-Chloroaniline	10.98	127	154471	17.226	ng	98
34) Hexachlorobutadiene	11.17	225	140453	24.588	ng	97
35) Caprolactam	11.75	113	60671	26.258	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	195431	29.730	ng	97
37) 2-Methylnaphthalene	12.49	142	423184	27.131	ng	99
38) 1-Methylnaphthalene	12.71	142	382827	25.839	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	238524	31.909	ng	99

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41) Hexachlorocyclopentadiene	12.84	237	151911	38.687	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	166107	32.875	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	182133	34.784	nq	97
46) 1,1'-Biphenyl	13.49	154	515637	34.269	nq	99
47) 2-Chloronaphthalene	13.53	162	424606	32.727	nq	98
48) 2-Nitroaniline	13.74	65	105945	33.863	nq	97
49) Acenaphthylene	14.39	152	644813	33.035	nq	99
50) Dimethylphthalate	14.11	163	673038	40.073	nq	100
51) 2,6-Dinitrotoluene	14.23	165	125149	32.147	nq	94
52) Acenaphthene	14.73	154	381931	32.224	nq	99
53) 3-Nitroaniline	14.56	138	103880	26.681	nq	92
54) 2,4-Dinitrophenol	14.77	184	16793	12.160	nq	97
55) Dibenzofuran	15.06	168	640067	32.625	nq	100
56) 4-Nitrophenol	14.89	139	206784	74.744	nq	96
57) 2,4-Dinitrotoluene	15.03	165	172129	30.876	nq	98
58) Fluorene	15.71	166	543932	33.916	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	168658m	32.572	nq	
60) Diethylphthalate	15.48	149	504256	30.713	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	299774	31.008	nq	99
62) 4-Nitroaniline	15.73	138	133669	32.078	nq	95
63) Azobenzene	16.00	77	396708	35.262	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	37857	12.590	nq	91
66) n-Nitrosodiphenylamine	15.91	169	487352	36.950	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	191871	31.540	nq	99
68) Hexachlorobenzene	16.73	284	201426	30.458	nq	94
69) Atrazine	16.87	200	174316	37.373	nq	99
70) Pentachlorophenol	17.07	266	213429	62.113	nq	97
71) Phenanthrene	17.46	178	897069	37.656	nq	99
72) Anthracene	17.55	178	871796	36.657	nq	100
73) Carbazole	17.82	167	759254	35.821	nq	99
74) Di-n-butylphthalate	18.38	149	871222	34.772	nq	100
75) Fluoranthene	19.47	202	1137053	39.109	nq	99
77) Benzidine	19.65	184	131000	9.630	nq	98
78) Pyrene	19.83	202	1118202	38.442	nq	99
80) Butylbenzylphthalate	20.71	149	410826	35.908	nq	99
81) Benzo(a)anthracene	21.67	228	1032359	35.769	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	241471	20.803	nq	97
83) Chrysene	21.74	228	1002046	36.000	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	607976	38.273	nq	100
85) Di-n-octyl phthalate	22.80	149	974997	35.686	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1246469	32.952	nq	99
88) Benzo(b)fluoranthene	23.91	252	1108236	36.280	nq	100
89) Benzo(k)fluoranthene	23.98	252	1058273	36.042	nq	99
90) Benzo(a)pyrene	24.79	252	1093340	37.719	nq	98
91) Dibenzo(a,h)anthracene	28.71	278	990199	33.739	nq	97
92) Benzo(g,h,i)perylene	29.80	276	1085185	36.970	nq	98

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

