

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042405.D
 Acq On : 22 Aug 2019 17:40
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Jagrut
 8/23/2019 2:54:19 PM

Quant Time: Aug 23 03:32:22 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	50029	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	207522	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	155204	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	361180	20.00	ng	0.00
76) Chrysene-d12	21.69	240	352296	20.00	ng	0.00
87) Perylene-d12	24.94	264	429070	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	198241	80.25	ng	0.00
7) Phenol-d6	7.17	99	270115	80.95	ng	0.00
23) Nitrobenzene-d5	9.17	82	242674	80.81	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	178079	80.73	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	767096	83.59	ng	0.00
79) Terphenyl-d14	20.03	244	1356599	83.25	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	42239	40.974	ng	98
3) Pyridine	3.83	79	108664	41.108	ng	97
4) n-Nitrosodimethylamine	3.74	42	36779	38.956	ng	94
6) Aniline	7.32	93	178886	40.195	ng	100
8) 2-Chlorophenol	7.57	128	121471	40.575	ng	98
9) Benzaldehyde	7.13	77	61842	37.020	ng	99
10) Phenol	7.19	94	136413	40.209	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	106359	39.919	ng	98
12) 1,3-Dichlorobenzene	7.89	146	154346	40.528	ng	98
13) 1,4-Dichlorobenzene	8.04	146	154499	40.050	ng	98
14) 1,2-Dichlorobenzene	8.36	146	148362	40.160	ng	99
15) Benzyl Alcohol	8.24	79	93084	38.776	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	142548	39.473	ng	98
17) 2-Methylphenol	8.46	107	100441	40.196	ng	97
18) Hexachloroethane	9.10	117	52116	39.463	ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	86958	40.227	ng	95
20) 3+4-Methylphenols	8.78	107	140793	40.718	ng	95
22) Acetophenone	8.83	105	181137	40.810	ng	# 96
24) Nitrobenzene	9.21	77	122738	40.361	ng	98
25) Isophorone	9.74	82	236709	39.940	ng	99
26) 2-Nitrophenol	9.93	139	75869	39.812	ng	97
27) 2,4-Dimethylphenol	9.99	122	105001	39.999	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	152764	40.896	ng	99
29) 2,4-Dichlorophenol	10.48	162	141403	41.171	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	171018	40.567	ng	96
31) Naphthalene	10.88	128	394492	40.945	ng	99
32) Benzoic acid	10.14	122	58822	33.790	ng	96
33) 4-Chloroaniline	10.98	127	180769	40.644	ng	98
34) Hexachlorobutadiene	11.17	225	114611	40.453	ng	97
35) Caprolactam	11.76	113	46584	40.648	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	132664	40.690	ng	99
37) 2-Methylnaphthalene	12.49	142	320121	41.379	ng	99
38) 1-Methylnaphthalene	12.70	142	301984	41.095	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	203110	40.751	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	101231	38.666	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	137322	40.761	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	142859	40.920	nq	96
46) 1,1'-Biphenyl	13.50	154	412540	41.120	nq	99
47) 2-Chloronaphthalene	13.54	162	354476	40.977	nq	97
48) 2-Nitroaniline	13.74	65	85099	40.794	nq	99
49) Acenaphthylene	14.38	152	539588	41.460	nq	100
50) Dimethylphthalate	14.11	163	463483	41.388	nq	99
51) 2,6-Dinitrotoluene	14.23	165	107043	41.238	nq	96
52) Acenaphthene	14.73	154	326752	41.347	nq	99
53) 3-Nitroaniline	14.57	138	106556	41.046	nq	99
54) 2,4-Dinitrophenol	14.78	184	61559	38.689	nq	97
55) Dibenzofuran	15.06	168	543002	41.510	nq	98
56) 4-Nitrophenol	14.89	139	75195	40.764	nq	97
57) 2,4-Dinitrotoluene	15.02	165	151902	40.866	nq	96
58) Fluorene	15.71	166	441672	41.304	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	139674m	40.456	nq	
60) Diethylphthalate	15.48	149	447155	40.847	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	266982	41.418	nq	98
62) 4-Nitroaniline	15.73	138	115699	41.643	nq	98
63) Azobenzene	16.00	77	309362	41.241	nq	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	91488	40.402	nq	98
66) n-Nitrosodiphenylamine	15.92	169	407785	41.055	nq	100
67) 4-Bromophenyl-phenylether	16.60	248	183824	40.125	nq	99
68) Hexachlorobenzene	16.73	284	200522	40.263	nq	98
69) Atrazine	16.87	200	130699	37.210	nq	99
70) Pentachlorophenol	17.07	266	105442	40.748	nq	99
71) Phenanthrene	17.46	178	744015	41.471	nq	99
72) Anthracene	17.55	178	737761	41.193	nq	99
73) Carbazole	17.82	167	662214	41.487	nq	100
74) Di-n-butylphthalate	18.37	149	780540	41.367	nq	100
75) Fluoranthene	19.47	202	925871	42.287	nq	98
77) Benzidine	19.65	184	469015	46.435	nq	100
78) Pyrene	19.83	202	926387	42.890	nq	99
80) Butylbenzylphthalate	20.71	149	353296	41.587	nq	99
81) Benzo(a)anthracene	21.67	228	902295	42.103	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	361805	41.977	nq	100
83) Chrysene	21.74	228	859609	41.591	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	496351	42.080	nq	99
85) Di-n-octyl phthalate	22.80	149	856791	42.233	nq	100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1156142	41.162	nq	# 95
88) Benzo(b)fluoranthene	23.91	252	982404	41.647	nq	99
89) Benzo(k)fluoranthene	23.98	252	958701	42.282	nq	100
90) Benzo(a)pyrene	24.79	252	940664	42.025	nq	98
91) Dibenzo(a,h)anthracene	28.71	278	939755	41.465	nq	99
92) Benzo(g,h,i)perylene	29.81	276	935244	41.260	nq	98

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

