

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022403.D
 Acq On : 18 Jun 2016 1:14
 Operator : UM/SJ
 Sample : H3597-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EDD-3EMS

Manual Integrations
 APPROVED

sohil
 6/20/2016 6:53:16 PM

Quant Time: Jun 20 11:37:46 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	21335	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	109380	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	66708	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	149413	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	128918	20.00	ng	-0.05
86) Perylene-d12	24.94	264	120323	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	117870	106.82	ng	-0.03
7) Phenol-d6	7.23	99	192713	111.08	ng	-0.02
23) Nitrobenzene-d5	9.22	82	107525	68.54	ng	-0.04
41) 2,4,6-Tribromophenol	16.17	330	59603	79.07	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	279941	63.95	ng	-0.04
78) Terphenyl-d14	20.02	244	360919	66.47	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	13901	26.27	ng	# 61
3) Pyridine	3.82	79	39059	27.32	ng	95
4) n-Nitrosodimethylamine	3.74	42	11720	36.66	ng	90
6) Aniline	7.37	93	38102	17.29	ng	# 81
8) 2-Chlorophenol	7.61	128	53788	35.27	ng	# 80
10) Phenol	7.26	94	70844	39.61	ng	88
11) bis(2-Chloroethyl)ether	7.46	93	47435	33.26	ng	# 74
12) 1,3-Dichlorobenzene	7.93	146	50851	31.10	ng	# 91
13) 1,4-Dichlorobenzene	8.08	146	51963	31.90	ng	95
14) 1,2-Dichlorobenzene	8.40	146	53004	32.28	ng	96
15) Benzyl Alcohol	8.30	79	37906	33.82	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	58910	39.81	ng	84
17) 2-Methylphenol	8.51	107	49893	37.38	ng	# 87
18) Hexachloroethane	9.12	117	20490	34.45	ng	# 86
19) n-Nitroso-di-n-propylamine	8.85	70	41636	35.45	ng	# 68
20) 3+4-Methylphenols	8.85	107	67945	35.49	ng	95
22) Acetophenone	8.87	105	78633	33.36	ng	# 86
24) Nitrobenzene	9.26	77	55164	34.97	ng	# 84
25) Isophorone	9.78	82	124957	34.04	ng	# 93
26) 2-Nitrophenol	9.98	139	26483	30.96	ng	# 80
27) 2,4-Dimethylphenol	10.05	122	58025	37.47	ng	89
28) bis(2-Chloroethoxy)methane	10.26	93	72955	34.69	ng	92
29) 2,4-Dichlorophenol	10.53	162	50666	35.32	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	51755	32.29	ng	95
31) Naphthalene	10.91	128	183541	33.62	ng	# 95
33) 4-Chloroaniline	11.04	127	28313	12.47	ng	# 89
34) Hexachlorobutadiene	11.19	225	27194	31.60	ng	98
35) Caprolactam	11.80	113	22201	28.21	ng	# 53
36) 4-Chloro-3-methylphenol	12.17	107	62726	36.89	ng	89
37) 2-Methylnaphthalene	12.51	142	130681	32.42	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	53238	31.00	ng	96
40) Hexachlorocyclopentadiene	12.86	237	23276	30.02	ng	91
42) 2,4,6-Trichlorophenol	13.13	196	34052	29.56	ng	98
43) 2,4,5-Trichlorophenol	13.23	196	40353	31.71	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.51	154	173585	34.58	nq	97
46) 2-Chloronaphthalene	13.57	162	135698	35.26	nq	94
47) 2-Nitroaniline	13.78	65	34925	38.06	nq #	59
48) Acenaphthylene	14.41	152	232675	34.46	nq	97
49) Dimethylphthalate	14.13	163	302293	54.65	nq	99
50) 2,6-Dinitrotoluene	14.27	165	41154	34.23	nq #	85
51) Acenaphthene	14.75	154	134684	33.29	nq	92
52) 3-Nitroaniline	14.61	138	25441	19.08	nq #	89
53) 2,4-Dinitrophenol	14.84	184	712	12.18	nq #	88
54) Dibenzofuran	15.08	168	214604	33.99	nq	96
55) 4-Nitrophenol	14.98	139	22689	24.65	nq #	76
56) 2,4-Dinitrotoluene	15.06	165	54934	34.06	nq #	87
57) Fluorene	15.73	166	178278	32.78	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.32	232	26790	23.47	nq #	90
59) Diethylphthalate	15.49	149	196604	33.28	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	79371	32.23	nq	94
61) 4-Nitroaniline	15.78	138	32719m	23.13	nq	
62) Azobenzene	16.00	77	166263	37.16	nq	89
64) 4,6-Dinitro-2-methylphenol	15.83	198	8915	15.90	nq	81
65) n-Nitrosodiphenylamine	15.93	169	151452	35.19	nq	99
66) 4-Bromophenyl-phenylether	16.61	248	45316	32.37	nq	96
67) Hexachlorobenzene	16.73	284	49079	30.08	nq	97
68) Atrazine	16.87	200	50923	31.96	nq	97
69) Pentachlorophenol	17.10	266	17307	28.19	nq	97
70) Phenanthrene	17.47	178	273406	33.69	nq	99
71) Anthracene	17.56	178	272921	33.91	nq	98
72) Carbazole	17.84	167	259162	34.00	nq	98
73) Di-n-butylphthalate	18.37	149	345931	34.71	nq	99
74) Fluoranthene	19.48	202	315163	33.78	nq	96
76) Benzidine	19.67	184	83608	24.80	nq	98
77) Pyrene	19.84	202	316528	39.49	nq	99
79) Butylbenzylphthalate	20.70	149	148948	40.07	nq	93
80) Benzo(a)anthracene	21.67	228	257466	35.62	nq	99
81) 3,3'-Dichlorobenzidine	21.59	252	38845	19.14	nq #	94
82) Chrysene	21.74	228	245573	34.91	nq	100
83) Bis(2-ethylhexyl)phthalate	21.55	149	229622	42.01	nq #	95
84) Di-n-octyl phthalate	22.75	149	365345	40.26	nq #	88
85) Indeno(1,2,3-cd)pyrene	28.64	276	258211	32.72	nq #	54
87) Benzo(b)fluoranthene	23.90	252	248231	35.37	nq #	96
88) Benzo(k)fluoranthene	23.97	252	234708	33.98	nq #	96
89) Benzo(a)pyrene	24.78	252	229394	34.19	nq #	95
90) Dibenzo(a,h)anthracene	28.69	278	207779	32.88	nq #	90
91) Benzo(g,h,i)perylene	29.81	276	217425	33.07	nq #	91

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

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