

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022423.D
 Acq On : 18 Jun 2016 14:39
 Operator : UM/SJ
 Sample : H3580-19MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 08-B6(0-8)CMS

Manual Integrations
 APPROVED

sohil
 6/20/2016 6:52:23 PM

Quant Time: Jun 20 11:59:05 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	21781m	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	114934m	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	70091m	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	156060m	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	134380	20.00	ng	-0.05
86) Perylene-d12	24.93	264	122864	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	151790	134.74	ng	-0.03
7) Phenol-d6	7.23	99	226953	128.13	ng	-0.02
23) Nitrobenzene-d5	9.22	82	127588	77.39	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	75884m	95.81	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	318342	69.22	ng	-0.04
78) Terphenyl-d14	20.02	244	392866	69.41	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	15086	27.93	ng	# 69
3) Pyridine	3.82	79	43771	29.99	ng	95
4) n-Nitrosodimethylamine	3.74	42	13634	41.77	ng	87
6) Aniline	7.36	93	64400m	28.62	ng	
8) 2-Chlorophenol	7.61	128	64268m	41.27	ng	
10) Phenol	7.26	94	76106	41.68	ng	84
11) bis(2-Chloroethyl)ether	7.46	93	59827m	41.09	ng	
12) 1,3-Dichlorobenzene	7.93	146	57797m	34.63	ng	
13) 1,4-Dichlorobenzene	8.08	146	59739m	35.92	ng	
14) 1,2-Dichlorobenzene	8.40	146	62341m	37.19	ng	
15) Benzyl Alcohol	8.30	79	48316m	42.22	ng	
16) 2,2'-oxybis(1-Chloropropan	8.57	45	65987m	43.68	ng	
17) 2-Methylphenol	8.51	107	58987m	43.29	ng	
18) Hexachloroethane	9.12	117	23246m	38.28	ng	
19) n-Nitroso-di-n-propylamine	8.85	70	48245m	40.24	ng	
20) 3+4-Methylphenols	8.85	107	80803m	41.34	ng	
22) Acetophenone	8.87	105	92134	37.20	ng	# 83
24) Nitrobenzene	9.26	77	67483m	40.71	ng	
25) Isophorone	9.77	82	145328	37.68	ng	94
26) 2-Nitrophenol	9.98	139	35427	39.41	ng	# 80
27) 2,4-Dimethylphenol	10.04	122	68905	42.35	ng	90
28) bis(2-Chloroethoxy)methane	10.26	93	86755	39.26	ng	92
29) 2,4-Dichlorophenol	10.53	162	60424	40.09	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	59284	35.20	ng	95
31) Naphthalene	10.91	128	208249	36.30	ng	# 95
33) 4-Chloroaniline	11.04	127	50947	21.36	ng	# 92
34) Hexachlorobutadiene	11.18	225	32335m	35.76	ng	
35) Caprolactam	11.80	113	26662m	32.24	ng	
36) 4-Chloro-3-methylphenol	12.17	107	72470	40.56	ng	# 83
37) 2-Methylnaphthalene	12.51	142	149675m	35.34	ng	
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	62618	34.71	ng	97
40) Hexachlorocyclopentadiene	12.85	237	32267	37.96	ng	94
42) 2,4,6-Trichlorophenol	13.13	196	45446m	37.55	ng	
43) 2,4,5-Trichlorophenol	13.22	196	48018	35.91	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.51	154	201414m	38.18	nq	
46) 2-Chloronaphthalene	13.56	162	157815m	39.03	nq	
47) 2-Nitroaniline	13.78	65	42575m	44.16	nq	
48) Acenaphthylene	14.41	152	267171m	37.66	nq	
49) Dimethylphthalate	14.13	163	311521m	53.60	nq	
50) 2,6-Dinitrotoluene	14.26	165	48288m	38.22	nq	
51) Acenaphthene	14.74	154	157399m	37.03	nq	
52) 3-Nitroaniline	14.61	138	40035m	28.57	nq	
53) 2,4-Dinitrophenol	14.83	184	5733	20.52	nq	# 84
54) Dibenzofuran	15.08	168	245746m	37.05	nq	
55) 4-Nitrophenol	14.96	139	52329m	54.11	nq	
56) 2,4-Dinitrotoluene	15.06	165	64068m	37.81	nq	
57) Fluorene	15.73	166	207687m	36.35	nq	
58) 2,3,4,6-Tetrachlorophenol	15.31	232	40957m	34.15	nq	
59) Diethylphthalate	15.48	149	223924m	36.07	nq	
60) 4-Chlorophenyl-phenylether	15.71	204	91068m	35.19	nq	
61) 4-Nitroaniline	15.77	138	42108m	28.33	nq	
62) Azobenzene	16.01	77	194620m	41.40	nq	
64) 4,6-Dinitro-2-methylphenol	15.83	198	26101	34.70	nq	84
65) n-Nitrosodiphenylamine	15.93	169	175335	39.00	nq	98
66) 4-Bromophenyl-phenylether	16.61	248	52891	36.17	nq	96
67) Hexachlorobenzene	16.73	284	57273	33.60	nq	97
68) Atrazine	16.88	200	58015	34.86	nq	96
69) Pentachlorophenol	17.09	266	37778	51.53	nq	96
70) Phenanthrene	17.47	178	311407m	36.74	nq	
71) Anthracene	17.56	178	309231	36.79	nq	97
72) Carbazole	17.84	167	289352	36.34	nq	99
73) Di-n-butylphthalate	18.36	149	397253	38.17	nq	98
74) Fluoranthene	19.47	202	347358	35.65	nq	96
76) Benzidine	19.66	184	104255	29.67	nq	96
77) Pyrene	19.84	202	340581	40.77	nq	98
79) Butylbenzylphthalate	20.70	149	166549	42.99	nq	94
80) Benzo(a)anthracene	21.67	228	283098	37.57	nq	98
81) 3,3'-Dichlorobenzidine	21.59	252	47330	22.37	nq	# 95
82) Chrysene	21.74	228	275894	37.63	nq	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	244697	42.95	nq	96
84) Di-n-octyl phthalate	22.75	149	408073	43.14	nq	# 87
85) Indeno(1,2,3-cd)pyrene	28.64	276	289678	35.21	nq	# 84
87) Benzo(b)fluoranthene	23.90	252	268846	37.52	nq	# 96
88) Benzo(k)fluoranthene	23.96	252	272992	38.70	nq	# 95
89) Benzo(a)pyrene	24.78	252	261803	38.21	nq	# 96
90) Dibenzo(a,h)anthracene	28.69	278	237204	36.76	nq	# 92
91) Benzo(g,h,i)perylene	29.79	276	244493	36.42	nq	# 93

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

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