

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026384.D
 Acq On : 22 Mar 2017 20:38
 Operator : SJ/MA
 Sample : I2348-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

Manual Integrations
 APPROVED

mohammad
 3/23/2017 2:07:09 PM

Quant Time: Mar 23 04:00:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	133003	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	569511	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	334079	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	821393	20.00	ng	0.00
75) Chrysene-d12	21.63	240	859000	20.00	ng	0.00
86) Perylene-d12	24.80	264	72822	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1043681	139.28	ng	0.00
7) Phenol-d6	7.21	99	1288609	128.09	ng	0.00
23) Nitrobenzene-d5	9.20	82	778600	82.20	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	632530	165.33	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2133849	89.57	ng	0.00
78) Terphenyl-d14	19.98	244	3056167	86.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	116770	34.72	ng	# 68
3) Pyridine	3.94	79	380243	41.28	ng	# 64
4) n-Nitrosodimethylamine	3.82	42	98779	39.23	ng	# 1
6) Aniline	7.38	93	28923	2.15	ng	99
8) 2-Chlorophenol	7.61	128	405438	48.05	ng	# 81
9) Benzaldehyde	7.18	77	118803	17.49	ng	# 68
10) Phenol	7.24	94	451400	42.05	ng	# 69
11) bis(2-Chloroethyl)ether	7.46	93	368250	41.83	ng	# 80
12) 1,3-Dichlorobenzene	7.93	146	408242	40.64	ng	# 85
13) 1,4-Dichlorobenzene	8.08	146	418714	41.21	ng	# 92
14) 1,2-Dichlorobenzene	8.40	146	408302	41.99	ng	# 88
15) Benzyl Alcohol	8.28	79	70511	10.69	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.57	45	356302	36.45	ng	80
17) 2-Methylphenol	8.48	107	329717	43.24	ng	# 79
18) Hexachloroethane	9.13	117	132363	39.84	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	285063	44.08	ng	# 68
20) 3+4-Methylphenols	8.81	107	450086	42.88	ng	# 84
22) Acetophenone	8.86	105	588747	44.95	ng	# 73
24) Nitrobenzene	9.24	77	399095	42.67	ng	# 71
25) Isophorone	9.76	82	807261	45.22	ng	# 90
26) 2-Nitrophenol	9.96	139	240530	49.43	ng	# 60
27) 2,4-Dimethylphenol	10.01	122	391004	48.95	ng	# 82
28) bis(2-Chloroethoxy)methane	10.24	93	311580	26.87	ng	97
29) 2,4-Dichlorophenol	10.49	162	432784	53.58	ng	93
30) 1,2,4-Trichlorobenzene	10.71	180	422653	46.58	ng	99
31) Naphthalene	10.90	128	1239097	43.03	ng	100
32) Benzoic acid	10.15	122	265936	43.27	ng	# 68
34) Hexachlorobutadiene	11.18	225	235149	43.92	ng	98
35) Caprolactam	11.77	113	159826	50.21	ng	# 51
36) 4-Chloro-3-methylphenol	12.12	107	434913	50.33	ng	# 73
37) 2-Methylnaphthalene	12.49	142	984797	46.69	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	460799	45.84	ng	98
40) Hexachlorocyclopentadiene	12.84	237	525631	99.35	ng	96
42) 2,4,6-Trichlorophenol	13.09	196	354157	53.81	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	373526	51.35	nq	# 90
45) 1,1'-Biphenyl	13.49	154	1286092	46.48	nq	98
46) 2-Chloronaphthalene	13.53	162	957383	47.38	nq	97
47) 2-Nitroaniline	13.73	65	138058	24.02	nq	# 60
48) Acenaphthylene	14.37	152	1255691	35.65	nq	99
49) Dimethylphthalate	14.10	163	1325039	52.55	nq	98
50) 2,6-Dinitrotoluene	14.22	165	307775	52.30	nq	# 58
51) Acenaphthene	14.71	154	985703	45.44	nq	99
52) 3-Nitroaniline	14.56	138	36311	5.60	nq	# 70
53) 2,4-Dinitrophenol	14.76	184	387680	113.55	nq	# 73
54) Dibenzofuran	15.05	168	1571397	51.45	nq	# 89
55) 4-Nitrophenol	14.86	139	514533	96.96	nq	# 37
56) 2,4-Dinitrotoluene	15.01	165	438375	52.96	nq	# 69
57) Fluorene	15.69	166	1295034	47.65	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	355249	55.99	nq	# 96
59) Diethylphthalate	15.46	149	1291186	50.10	nq	100
60) 4-Chlorophenyl-phenylether	15.68	204	640378	49.72	nq	89
61) 4-Nitroaniline	15.71	138	114750	16.74	nq	# 48
62) Azobenzene	15.97	77	998451	47.65	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	274431	52.99	nq	83
65) n-Nitrosodiphenylamine	15.90	169	51438	2.13	nq	96
66) 4-Bromophenyl-phenylether	16.57	248	433333	51.26	nq	93
67) Hexachlorobenzene	16.70	284	452401	50.16	nq	91
69) Pentachlorophenol	17.04	266	569556	97.13	nq	97
70) Phenanthrene	17.42	178	2021707	45.83	nq	98
71) Anthracene	17.52	178	2038259	45.29	nq	99
73) Di-n-butylphthalate	18.33	149	2255790	47.39	nq	# 94
74) Fluoranthene	19.43	202	2335998	45.04	nq	97
77) Pvrene	19.79	202	1868763	37.57	nq	99
79) Butylbenzylphthalate	20.66	149	995774	50.04	nq	# 83
80) Benzo(a)anthracene	21.61	228	2184587	45.19	nq	99
82) Chrysene	21.68	228	2067513	44.77	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1511255	50.28	nq	96
84) Di-n-octyl phthalate	22.70	149	2586890	50.43	nq	# 81
85) Indeno(1,2,3-cd)pvrene	28.43	276	1258613	22.07	nq	# 79
87) Benzo(b)fluoranthene	23.80	252	2309310	537.95	nq	# 96
88) Benzo(k)fluoranthene	23.87	252	1868494	448.83	nq	# 93
89) Benzo(a)pyrene	24.66	252	744124	180.73	nq	# 94
90) Dibenzo(a,h)anthracene	28.49	278	2020260	485.50	nq	# 93
91) Benzo(g,h,i)perylene	29.56	276	752955	179.58	nq	# 90

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

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