

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
 Data File : BF079384.D
 Acq On : 20 May 2015 18:03
 Operator : TP/IZ
 Sample : G2305-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KM-SP-001-150518MS

Manual Integrations
 APPROVED

apatel
 5/21/2015 4:27:44 PM

Quant Time: May 21 01:35:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 00:52:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.08	152	69294	20.00	ng	0.00
21) Naphthalene-d8	8.66	136	281308	20.00	ng	0.00
38) Acenaphthene-d10	10.83	164	137794	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	262309	20.00	ng	0.00
75) Chrysene-d12	15.97	240	273470	20.00	ng	-0.01
86) Perylene-d12	17.73	264	278816	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	476240m	118.30	ng	0.00
7) Phenol-d6	6.66	99	590976	111.06	ng	0.00
23) Nitrobenzene-d5	7.78	82	338636	69.18	ng	0.00
41) 2,4,6-Tribromophenol	11.82	330	175385	117.65	ng	0.00
44) 2-Fluorobiphenyl	10.01	172	649741	65.69	ng	0.00
78) Terphenyl-d14	14.66	244	766546	67.11	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	63504m	36.28	ng	
3) Pyridine	2.64	79	153784m	30.02	ng	
4) n-Nitrosodimethylamine	2.56	42	70554m	32.15	ng	
6) Aniline	6.67	93	149594m	19.92	ng	
8) 2-Chlorophenol	6.82	128	173998	38.11	ng	86
9) Benzaldehyde	6.54	77	29525	8.24	ng	98
10) Phenol	6.68	94	214016	34.67	ng	88
11) bis(2-Chloroethyl)ether	6.79	93	156651	34.62	ng	98
12) 1,3-Dichlorobenzene	7.00	146	172398	33.59	ng	# 90
13) 1,4-Dichlorobenzene	7.11	146	181253	34.32	ng	98
14) 1,2-Dichlorobenzene	7.29	146	174446	35.48	ng	99
15) Benzyl Alcohol	7.28	79	138459	35.05	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.46	45	232540	33.59	ng	93
17) 2-Methylphenol	7.43	107	134818	36.69	ng	95
18) Hexachloroethane	7.70	117	60509	33.26	ng	# 84
19) n-Nitroso-di-n-propylamine	7.61	70	123796	34.45	ng	98
20) 3+4-Methylphenols	7.62	107	177086	36.17	ng	# 46
22) Acetophenone	7.60	105	237695	37.40	ng	# 89
24) Nitrobenzene	7.80	77	170456	35.13	ng	92
25) Isophorone	8.11	82	321529	35.43	ng	99
26) 2-Nitrophenol	8.20	139	82968	41.32	ng	94
27) 2,4-Dimethylphenol	8.27	122	150187	37.37	ng	96
28) bis(2-Chloroethoxy)methane	8.39	93	198063	35.41	ng	98
29) 2,4-Dichlorophenol	8.50	162	144125	40.34	ng	94
30) 1,2,4-Trichlorobenzene	8.60	180	140229	35.73	ng	95
31) Naphthalene	8.70	128	492735	36.76	ng	99
32) Benzoic acid	8.36	122	19835	13.16	ng	98
33) 4-Chloroaniline	8.78	127	126586	22.32	ng	# 88
34) Hexachlorobutadiene	8.84	225	77968	34.49	ng	99
35) Caprolactam	9.20	113	41997m	36.35	ng	
36) 4-Chloro-3-methylphenol	9.38	107	143941	38.35	ng	86
37) 2-Methylnaphthalene	9.55	142	347701	37.43	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	136646	35.21	ng	98
40) Hexachlorocyclopentadiene	9.74	237	92903	47.61	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.91	196	93828	35.17	nq	98
43) 2,4,5-Trichlorophenol	9.95	196	100748	37.35	nq #	94
45) 1,1'-Biphenyl	10.14	154	399349	36.46	nq	99
46) 2-Chloronaphthalene	10.15	162	303246	35.49	nq	96
47) 2-Nitroaniline	10.28	65	93568	37.79	nq #	85
48) Acenaphthylene	10.66	152	507784	36.19	nq	98
49) Dimethylphthalate	10.52	163	431083	42.63	nq	99
50) 2,6-Dinitrotoluene	10.59	165	74421	37.29	nq #	48
51) Acenaphthene	10.88	154	282614	33.78	nq	100
52) 3-Nitroaniline	10.80	138	76818	30.81	nq	85
53) 2,4-Dinitrophenol	10.94	184	26710	45.24	nq #	78
54) Dibenzofuran	11.08	168	436172	36.09	nq	96
55) 4-Nitrophenol	11.03	139	127169	64.45	nq #	67
56) 2,4-Dinitrotoluene	11.10	165	103541	39.24	nq	98
57) Fluorene	11.52	166	357811	36.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.24	232	79081	35.88	nq	100
59) Diethylphthalate	11.40	149	353353	35.27	nq	95
60) 4-Chlorophenyl-phenylether	11.53	204	158108	35.93	nq #	84
61) 4-Nitroaniline	11.55	138	91703	36.77	nq	92
62) Azobenzene	11.73	77	349186	35.37	nq	88
64) 4,6-Dinitro-2-methylphenol	11.60	198	35012	35.77	nq	80
65) n-Nitrosodiphenylamine	11.68	169	301114	34.47	nq	99
66) 4-Bromophenyl-phenylether	12.13	248	95500	34.93	nq	95
67) Hexachlorobenzene	12.18	284	106678	34.14	nq	99
68) Atrazine	12.35	200	97834	38.51	nq	94
69) Pentachlorophenol	12.45	266	100643	57.18	nq	97
70) Phenanthrene	12.70	178	506620	34.52	nq	99
71) Anthracene	12.77	178	528959	36.74	nq	99
72) Carbazole	12.97	167	510727	37.22	nq	98
73) Di-n-butylphthalate	13.43	149	585744	35.60	nq	98
74) Fluoranthene	14.17	202	554378	36.25	nq	99
76) Benzidine	14.37	184	202654	27.50	nq	95
77) Pyrene	14.46	202	587232	37.26	nq	99
79) Butylbenzylphthalate	15.29	149	267950	38.90	nq	94
80) Benzo(a)anthracene	15.95	228	556205	37.14	nq	99
81) 3,3'-Dichlorobenzidine	15.93	252	163135	30.58	nq #	99
82) Chrysene	15.99	228	494694	34.35	nq	99
83) Bis(2-ethylhexyl)phthalate	16.01	149	391184	37.49	nq #	97
84) Di-n-octyl phthalate	16.82	149	662276	36.04	nq	97
85) Indeno(1,2,3-cd)pyrene	19.09	276	675583	36.81	nq	100
87) Benzo(b)fluoranthene	17.27	252	655799	42.97	nq	98
88) Benzo(k)fluoranthene	17.30	252	438095m	29.65	nq	
89) Benzo(a)pyrene	17.66	252	541170	38.51	nq	98
90) Dibenzo(a,h)anthracene	19.11	278	547659	36.67	nq	97
91) Benzo(g,h,i)perylene	19.49	276	562054	37.55	nq #	96

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

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