Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079976.D
Acq On : 13 Jun 2015 13:32
Operator : TP/IZ
Sample : G2599-01MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10MSD

Manual Integrations APPROVED
apatel
6/15/2015 1:01:15 PM

Quant Time: Jun 15 02:25:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	50039	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	209351	20.00	ng		0.00
38) Acenaphthene-d10	10.44	164	122645	20.00	ng		0.00
63) Phenanthrene-d10	11.95	188	270479	20.00	ng		-0.02
75) Chrysene-d12	14.96	240	304709	20.00	ng		-0.18
86) Perylene-d12	16.88	264	316232	20.00	ng		-0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.99	112	315927	115.77	ng		0.00
7) Phenol-d6	6.98	99	451448	121.43	ng		0.01
23) Nitrobenzene-d5	7.93	82	250755	79.03	ng		0.00
41) 2,4,6-Tribromophenol	11.23	330	125929	102.59	ng		-0.01
44) 2-Fluorobiphenyl	9.75	172	542171	61.90	ng		0.00
78) Terphenyl-d14	13.66	244	766023	57.96	ng		-0.11
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	32870	26.48	ng		95
3) Pyridine	4.10	79	103999	32.69	ng		96
4) n-Nitrosodimethylamine	4.01	42	49405	31.51	ng		98
6) Aniline	7.03	93	175768	32.67	ng		93
8) 2-Chlorophenol	7.16	128	116140	35.02	ng		89
9) Benzaldehyde	6.92	77	88309	41.32	ng		89
10) Phenol	6.99	94	162861	39.83	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	112104	34.07	ng		93
12) 1,3-Dichlorobenzene	7.32	146	129159m	33.38	ng		
13) 1,4-Dichlorobenzene	7.39	146	136191	33.89	ng		95
14) 1,2-Dichlorobenzene	7.55	146	137827	38.61	ng		94
15) Benzyl Alcohol	7.50	79	104437	35.03	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.64	45	193573	39.72	ng		96
17) 2-Methylphenol	7.61	107	98818	34.10	ng		96
18) Hexachloroethane	7.90	117	41116	33.04	ng	#	82
19) n-Nitroso-di-n-propylamine	7.77	70	96356	36.27	ng	#	91
20) 3+4-Methylphenols	7.76	107	140370	37.90	ng		99
22) Acetophenone	7.77	105	170213	34.43	ng	#	89
24) Nitrobenzene	7.95	77	134541	39.86	ng	#	84
25) Isophorone	8.19	82	239870	32.49	ng	#	90
26) 2-Nitrophenol	8.27	139	50839	43.15	ng	#	79
27) 2,4-Dimethylphenol	8.30	122	121362	36.67	ng		96
28) bis(2-Chloroethoxy)methane	8.39	93	148050	33.77	ng		97
29) 2,4-Dichlorophenol	8.51	162	120110	43.34	ng		91
30) 1,2,4-Trichlorobenzene	8.60	180	120488	34.20	ng		98
31) Naphthalene	8.70	128	376248	32.88	ng		100
32) Benzoic acid	8.35	122	33699	29.98	ng		87
33) 4-Chloroaniline	8.73	127	189987	42.77	ng	#	90
34) Hexachlorobutadiene	8.81	225	75980	38.85	ng		98
35) Caprolactam	9.06	113	34986	39.91	ng	#	84
36) 4-Chloro-3-methylphenol	9.20	107	112604	35.56	ng		89
37) 2-Methylnaphthalene	9.38	142	265215	34.30	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	127872	31.13	ng		98
40) Hexachlorocyclopentadiene	9.54	237	82217	53.39	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	84388	33.34	ng		98
43) 2,4,5-Trichlorophenol	9.70	196	87098	31.18	ng	#	86
45) 1,1'-Biphenyl	9.85	154	350596	35.32	ng		94
46) 2-Chloronaphthalene	9.88	162	253202	29.96	ng	#	91
47) 2-Nitroaniline	9.96	65	64393	36.59	ng	#	65
48) Acenaphthylene	10.31	152	430173	30.16	ng		97
49) Dimethylphthalate	10.14	163	437584	44.53	ng		98
50) 2,6-Dinitrotoluene	10.20	165	57947	33.27	ng	#	65
51) Acenaphthene	10.48	154	265235	32.71	ng		95
52) 3-Nitroaniline	10.38	138	69363	32.75	ng	#	74
53) 2,4-Dinitrophenol	10.48	184	27680	76.73	ng	#	1
54) Dibenzofuran	10.65	168	408024	34.44	ng		93
55) 4-Nitrophenol	10.51	139	106892	68.53	ng		93
56) 2,4-Dinitrotoluene	10.60	165	78616	34.53	ng	#	61
57) Fluorene	10.99	166	332952	32.25	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.76	232	78245	36.95	ng		95
59) Diethylphthalate	10.84	149	317026	32.27	ng		94
60) 4-Chlorophenyl-phenylether	10.98	204	153692	33.33	ng	#	79
61) 4-Nitroaniline	10.99	138	68055	30.91	ng		80
62) Azobenzene	11.14	77	304252	32.19	ng		82
64) 4,6-Dinitro-2-methylphenol	11.03	198	19476	35.51	ng		79
65) n-Nitrosodiphenylamine	11.10	169	266913	30.57	ng		99
66) 4-Bromophenyl-phenylether	11.47	248	97567	32.19	ng	#	88
67) Hexachlorobenzene	11.55	284	102977	31.14	ng	#	84
68) Atrazine	11.61	200	97903	36.43	ng		96
69) Pentachlorophenol	11.75	266	102144	67.26	ng		96
70) Phenanthrene	11.98	178	537271	33.33	ng		100
71) Anthracene	12.03	178	523385	33.55	ng		100
72) Carbazole	12.18	167	483452	31.96	ng		100
73) Di-n-butylphthalate	12.51	149	555110	33.68	ng		99
74) Fluoranthene	13.25	202	604015	33.89	ng		96
76) Benzidine	13.37	184	531197	62.95	ng		99
77) Pyrene	13.51	202	639496	33.42	ng		100
79) Butylbenzylphthalate	14.21	149	256453	39.68	ng	#	80
80) Benzo(a)anthracene	14.94	228	639739	33.06	ng		99
81) 3,3'-Dichlorobenzidine	14.88	252	234825	37.96	ng	#	98
82) Chrysene	14.98	228	577501	33.44	ng		99
83) Bis(2-ethylhexyl)phthalate	14.91	149	413866	40.01	ng		98
84) Di-n-octyl phthalate	15.74	149	702053	41.62	ng		98
85) Indeno(1,2,3-cd)pyrene	18.79	276	704448	34.76	ng		99
87) Benzo(b)fluoranthene	16.32	252	657914m	33.95	ng		
88) Benzo(k)fluoranthene	16.37	252	593961	30.06	ng		98
89) Benzo(a)pyrene	16.80	252	624199	33.87	ng		98
90) Dibenzo(a,h)anthracene	18.81	278	580250	32.03	ng		98
91) Benzo(g,h,i)perylene	19.36	276	592675	31.62	ng		97

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

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