Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010715\
Data File : BF076772.D
Acq On : 7 Jan 2015 19:51
Operator : IZ / TP
Sample : G1022-03MSD
Misc : W
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-H2O-FP3-65MSD

Manual Integrations APPROVED
tejaskumar
1/8/2015 3:46:27 PM

Quant Time: Jan 08 09:30:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 09:08:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	45913	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	185015	20.00	ng		0.00
38) Acenaphthene-d10	15.19	164	103653	20.00	ng		0.00
63) Phenanthrene-d10	17.90	188	175143	20.00	ng		0.00
75) Chrysene-d12	21.40	240	163580	20.00	ng		0.00
86) Perylene-d12	23.12	264	149982	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	299793	110.70	ng		0.00
7) Phenol-d6	7.59	99	371564	112.33	ng		0.07
23) Nitrobenzene-d5	9.44	82	260878	83.86	ng		0.01
41) 2,4,6-Tribromophenol	16.83	330	114551	130.76	ng		0.01
44) 2-Fluorobiphenyl	13.71	172	533990	80.17	ng		0.00
78) Terphenyl-d14	20.12	244	528492	71.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.40	88	29286	25.30	ng	#	100
3) Pyridine	1.92	79	63664	21.85	ng		97
4) n-Nitrosodimethylamine	1.86	42	51683	36.66	ng		94
6) Aniline	7.43	93	60737	12.86	ng	#	78
8) 2-Chlorophenol	7.67	128	117448	37.87	ng		97
9) Benzaldehyde	7.14	77	93177	37.03	ng		90
10) Phenol	7.62	94	141864m	35.34	ng		
11) bis(2-Chloroethyl)ether	7.66	93	112689	39.00	ng		86
12) 1,3-Dichlorobenzene	7.98	146	122687	34.08	ng	#	95
13) 1,4-Dichlorobenzene	8.17	146	127411	34.94	ng		93
14) 1,2-Dichlorobenzene	8.49	146	120109	34.73	ng		95
15) Benzyl Alcohol	8.68	79	1899635	663.24	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.93	45	140389	33.54	ng	#	1
17) 2-Methylphenol	8.93	107	94383	37.03	ng	#	90
18) Hexachloroethane	9.25	117	46346	35.56	ng	#	90
19) n-Nitroso-di-n-propylamine	9.20	70	94073m	38.94	ng		
20) 3+4-Methylphenols	9.30	107	127709	37.11	ng		94
22) Acetophenone	9.13	105	183140	41.30	ng	#	95
24) Nitrobenzene	9.48	77	131736	40.84	ng		99
25) Isophorone	10.08	82	237687	39.64	ng	#	92
26) 2-Nitrophenol	10.22	139	63310	40.19	ng	#	81
27) 2,4-Dimethylphenol	10.49	122	108133	42.41	ng		92
28) bis(2-Chloroethoxy)methane	10.69	93	144506	41.05	ng		97
29) 2,4-Dichlorophenol	10.82	162	104353	41.64	ng		97
30) 1,2,4-Trichlorobenzene	10.95	180	102454	37.92	ng		98
31) Naphthalene	11.10	128	352125	38.42	ng		99
32) Benzoic acid	11.76	122	2778288m	1629.42	ng		
34) Hexachlorobutadiene	11.45	225	59579	37.93	ng		90
36) 4-Chloro-3-methylphenol	12.63	107	114382	41.01	ng		96
37) 2-Methylnaphthalene	12.76	142	253971	39.72	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.16	216	100348	39.36	ng	#	82
40) Hexachlorocyclopentadiene	13.15	237	117733	79.78	ng		99
42) 2,4,6-Trichlorophenol	13.50	196	71413	38.60	ng		96
43) 2,4,5-Trichlorophenol	13.59	196	76542	38.46	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	13.91	154	292203	37.95	ng		99
46) 2-Chloronaphthalene	13.89	162	239059	39.14	ng		96
47) 2-Nitroaniline	14.23	65	80705	43.44	ng	#	88
48) Acenaphthylene	14.84	152	393564	37.89	ng		99
49) Dimethylphthalate	14.79	163	645961	88.10	ng		99
50) 2,6-Dinitrotoluene	14.87	165	59931	39.89	ng	#	66
51) Acenaphthene	15.27	154	225661	38.40	ng		99
52) 3-Nitroaniline	15.23	138	11430	6.70	ng		89
53) 2,4-Dinitrophenol	15.50	184	55236	68.21	ng	#	89
54) Dibenzofuran	15.68	168	339206	39.90	ng		100
55) 4-Nitrophenol	15.80	139	94706	72.41	ng	#	85
56) 2,4-Dinitrotoluene	15.79	165	86528	43.22	ng	#	63
57) Fluorene	16.38	166	282504	39.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.00	232	60255	40.71	ng	#	100
59) Diethylphthalate	16.37	149	1192641	159.25	ng		96
60) 4-Chlorophenyl-phenylether	16.46	204	123977	40.12	ng		90
61) 4-Nitroaniline	16.51	138	53702	29.95	ng		91
62) Azobenzene	16.73	77	314336	42.59	ng		94
64) 4,6-Dinitro-2-methylphenol	16.56	198	40124	36.62	ng	#	58
65) n-Nitrosodiphenylamine	16.69	169	237846	38.66	ng		97
66) 4-Bromophenyl-phenylether	17.28	248	70696	41.44	ng	#	81
67) Hexachlorobenzene	17.31	284	79954	40.15	ng	#	90
68) Atrazine	17.66	200	73076	39.75	ng		86
69) Pentachlorophenol	17.65	266	84270	86.45	ng		99
70) Phenanthrene	17.93	178	402586	38.10	ng		99
71) Anthracene	18.01	178	415070	40.03	ng		98
72) Carbazole	18.29	167	376713	37.46	ng		98
73) Di-n-butylphthalate	18.87	149	593291	48.04	ng		99
74) Fluoranthene	19.57	202	412298	38.21	ng		97
76) Benzidine	19.83	184	43199m	6.34	ng		
77) Pyrene	19.85	202	427992	37.40	ng		98
79) Butylbenzylphthalate	20.78	149	265421	48.51	ng		94
80) Benzo(a)anthracene	21.39	228	391887	38.47	ng		97
81) 3,3'-Dichlorobenzidine	21.40	252	97671	28.68	ng		98
82) Chrysene	21.43	228	364964	39.15	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	321929	38.89	ng	#	96
84) Di-n-octyl phthalate	22.31	149	537670	38.04	ng		99
85) Indeno(1,2,3-cd)pyrene	24.33	276	408159m	39.90	ng		
87) Benzo(b)fluoranthene	22.69	252	362827	36.67	ng		97
88) Benzo(k)fluoranthene	22.72	252	362130m	39.30	ng		
89) Benzo(a)pyrene	23.07	252	345476	39.13	ng		98
90) Dibenzo(a,h)anthracene	24.36	278	340005	38.86	ng		99
91) Benzo(g,h,i)perylene	24.64	276	338169	39.72	ng		97

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

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