Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090389.D
Acq On : 5 Oct 2016 19:39
Operator : UM/SJ
Sample : H4818-05
Misc : LOD 1PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Manual Integrations APPROVED

SOHIL

10/6/2016 5:28:40 PM

Quant Time: Oct 06 01:47:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	243866	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1017043	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	529728	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	802846	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	682445	20.00	ng		-0.01
86) Perylene-d12	15.70	264	467598	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	2141765	131.08	ng		0.01
7) Phenol-d6	6.62	99	2403588	112.31	ng		0.00
23) Nitrobenzene-d5	7.56	82	1677304	80.22	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	557446	129.42	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	2670524	84.00	ng		-0.01
78) Terphenyl-d14	13.14	244	2696954	88.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	8162m	1.01	ng		
3) Pyridine	3.65	79	21266m	0.95	ng		
4) n-Nitrosodimethylamine	3.55	42	11070m	1.19	ng		
6) Aniline	6.66	93	25101	0.85	ng		97
8) 2-Chlorophenol	6.78	128	20447	1.14	ng		89
9) Benzaldehyde	6.54	77	10653	0.98	ng		95
10) Phenol	6.63	94	32374	1.30	ng	#	57
11) bis(2-Chloroethyl)ether	6.73	93	16171	0.85	ng	#	78
12) 1,3-Dichlorobenzene	6.94	146	17242	0.96	ng		97
13) 1,4-Dichlorobenzene	7.01	146	16865	0.93	ng		93
14) 1,2-Dichlorobenzene	7.17	146	18619	1.06	ng		98
15) Benzyl Alcohol	7.16	79	46818	2.88	ng	#	47
16) 2,2'-oxybis(1-Chloropropan	7.27	45	32013	0.99	ng		95
17) 2-Methylphenol	7.24	107	13358	0.90	ng		94
18) Hexachloroethane	7.51	117	5871	0.82	ng		87
19) n-Nitroso-di-n-propylamine	7.40	70	14638	0.93	ng	#	92
20) 3+4-Methylphenols	7.40	107	18482	0.97	ng	#	40
22) Acetophenone	7.40	105	24590	1.02	ng	#	97
24) Nitrobenzene	7.57	77	25673	1.24	ng	#	88
25) Isophorone	7.81	82	36477	0.95	ng	#	91
26) 2-Nitrophenol	7.90	139	6423	0.72	ng	#	89
27) 2,4-Dimethylphenol	7.93	122	15332m	0.88	ng		
28) bis(2-Chloroethoxy)methane	8.03	93	22522	1.00	ng	#	95
29) 2,4-Dichlorophenol	8.14	162	11638	0.88	ng		95
30) 1,2,4-Trichlorobenzene	8.22	180	12286	0.90	ng		95
31) Naphthalene	8.31	128	48830	1.00	ng		96
32) Benzoic acid	7.96	122	7245m	0.60	ng		
33) 4-Chloroaniline	8.35	127	17260	0.85	ng		96
34) Hexachlorobutadiene	8.43	225	6412	0.84	ng		97
35) Caprolactam	8.67	113	3879	0.87	ng		98
36) 4-Chloro-3-methylphenol	8.83	107	15408	0.93	ng		99
37) 2-Methylnaphthalene	9.00	142	28108	0.95	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	11968	0.86	ng	#	96
40) Hexachlorocyclopentadiene	9.16	237	5139	0.67	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	7663	0.80	ng		94
43) 2,4,5-Trichlorophenol	9.32	196	6801	0.75	ng	#	88
45) 1,1'-Biphenyl	9.47	154	41456	1.06	ng		93
46) 2-Chloronaphthalene	9.49	162	28236	0.97	ng		98
47) 2-Nitroaniline	9.58	65	10061	0.88	ng		95
48) Acenaphthylene	9.91	152	43550	0.91	ng		96
49) Dimethylphthalate	9.75	163	30835	0.91	ng	#	97
50) 2,6-Dinitrotoluene	9.82	165	5794	0.77	ng		93
51) Acenaphthene	10.09	154	27803	0.93	ng		95
52) 3-Nitroaniline	9.99	138	6453	0.73	ng		89
54) Dibenzofuran	10.26	168	37365	0.97	ng		99
55) 4-Nitrophenol	10.14	139	4585	0.60	ng		95
56) 2,4-Dinitrotoluene	10.22	165	7277	0.73	ng	#	31
57) Fluorene	10.60	166	30015	0.92	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.37	232	4707	0.69	ng	#	78
59) Diethylphthalate	10.46	149	34141	0.97	ng	#	90
60) 4-Chlorophenyl-phenylether	10.59	204	13363	0.91	ng	#	88
61) 4-Nitroaniline	10.60	138	6415	0.72	ng		95
62) Azobenzene	10.75	77	38731	0.96	ng		86
64) 4,6-Dinitro-2-methylphenol	10.63	198	1596	5.70	ng	#	63
65) n-Nitrosodiphenylamine	10.70	169	26019	0.97	ng		99
66) 4-Bromophenyl-phenylether	11.08	248	7503	0.95	ng	#	77
67) Hexachlorobenzene	11.15	284	8183	0.93	ng	#	82
68) Atrazine	11.23	200	6260	0.94	ng		98
69) Pentachlorophenol	11.34	266	3168	0.61	ng		95
70) Phenanthrene	11.56	178	44624	1.09	ng		96
71) Anthracene	11.62	178	44805	1.07	ng		94
72) Carbazole	11.77	167	44377	1.14	ng		96
73) Di-n-butylphthalate	12.10	149	47523	1.00	ng		98
74) Fluoranthene	12.76	202	37959	0.94	ng		90
76) Benzidine	12.88	184	50892	2.84	ng		98
77) Pyrene	12.99	202	40522	0.89	ng		96
79) Butylbenzylphthalate	13.61	149	20044	0.86	ng	#	83
80) Benzo(a)anthracene	14.18	228	39527	1.03	ng		96
81) 3,3'-Dichlorobenzidine	14.14	252	10749	0.77	ng	#	97
82) Chrysene	14.21	228	35198	1.00	ng		96
83) Bis(2-ethylhexyl)phthalate	14.17	149	26366	0.79	ng	#	95
84) Di-n-octyl phthalate	14.78	149	40491	0.82	ng		95
85) Indeno(1,2,3-cd)pyrene	17.20	276	19837	0.79	ng		95
87) Benzo(b)fluoranthene	15.24	252	30116	1.01	ng	#	91
88) Benzo(k)fluoranthene	15.28	252	22286m	0.80	ng		
89) Benzo(a)pyrene	15.63	252	22243	0.87	ng		96
90) Dibenzo(a,h)anthracene	17.22	278	16686	0.76	ng	#	89
91) Benzo(g,h,i)perylene	17.65	276	16048	0.77	ng	#	92

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

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