Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089200.D
Acq On : 22 Jul 2016 18:41
Operator : UM/SJ
Sample : H3606-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Manual Integrations APPROVED
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7/25/2016 6:41:27 PM

Quant Time: Jul 22 23:19:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	56505	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	241600	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	120144	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	238961	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	180926	20.00	ng		-0.01
86) Perylene-d12	15.05	264	147916	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	425745	114.59	ng		-0.01
7) Phenol-d6	6.24	99	537745	112.24	ng		-0.03
23) Nitrobenzene-d5	7.15	82	355284	78.14	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	117945	109.04	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	652062	74.78	ng		-0.02
78) Terphenyl-d14	12.67	244	617902	74.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	26180	16.23	ng	#	93
3) Pyridine	2.72	79	54603	13.32	ng		98
4) n-Nitrosodimethylamine	2.66	42	28717	16.65	ng		97
6) Aniline	6.25	93	71806	11.09	ng	#	25
8) 2-Chlorophenol	6.36	128	85053	20.63	ng		83
9) Benzaldehyde	6.12	77	41901	14.10	ng		98
10) Phenol	6.25	94	110319	19.99	ng	#	58
11) bis(2-Chloroethyl)ether	6.33	93	92088	22.21	ng		100
12) 1,3-Dichlorobenzene	6.51	146	82765	18.18	ng		97
13) 1,4-Dichlorobenzene	6.59	146	89649	19.55	ng		98
14) 1,2-Dichlorobenzene	6.75	146	83825	19.39	ng		98
15) Benzyl Alcohol	6.74	79	73654	20.99	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	94806	20.07	ng		76
17) 2-Methylphenol	6.86	107	66343	20.43	ng		95
18) Hexachloroethane	7.08	117	33791	19.61	ng		97
19) n-Nitroso-di-n-propylamine	7.00	70	59955	19.13	ng	#	90
20) 3+4-Methylphenols	7.02	107	87243	19.79	ng	#	83
22) Acetophenone	7.00	105	126008	19.53	ng	#	96
24) Nitrobenzene	7.18	77	89194	18.60	ng		97
25) Isophorone	7.40	82	162548	19.40	ng		95
26) 2-Nitrophenol	7.48	139	42992	19.22	ng		97
27) 2,4-Dimethylphenol	7.54	122	70711	18.76	ng		98
28) bis(2-Chloroethoxy)methane	7.63	93	108762	20.75	ng		100
29) 2,4-Dichlorophenol	7.74	162	71103	20.94	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	72668	19.33	ng		100
31) Naphthalene	7.88	128	257015	19.71	ng		99
32) Benzoic acid	7.67	122	42295	14.59	ng		95
33) 4-Chloroaniline	7.95	127	54391	9.92	ng	#	95
34) Hexachlorobutadiene	8.01	225	39889	19.06	ng		97
35) Caprolactam	8.31	113	21657	20.53	ng		98
36) 4-Chloro-3-methylphenol	8.44	107	84651	20.69	ng		99
37) 2-Methylnaphthalene	8.58	142	165777	19.94	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	69802	15.63	ng		100
40) Hexachlorocyclopentadiene	8.73	237	31460	27.27	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	45480	18.20	ng		100
43) 2,4,5-Trichlorophenol	8.91	196	53593	21.36	ng		97
45) 1,1'-Biphenyl	9.04	154	196584	18.17	ng		100
46) 2-Chloronaphthalene	9.06	162	160354	19.50	ng		99
47) 2-Nitroaniline	9.16	65	51195	18.15	ng		97
48) Acenaphthylene	9.47	152	259205	20.05	ng		100
49) Dimethylphthalate	9.35	163	181687	19.71	ng		97
50) 2,6-Dinitrotoluene	9.42	165	40492	19.45	ng		99
51) Acenaphthene	9.64	154	149233	19.52	ng		99
52) 3-Nitroaniline	9.59	138	27889	11.28	ng		95
53) 2,4-Dinitrophenol	9.69	184	27455	31.64	ng	#	73
54) Dibenzofuran	9.82	168	223570	21.64	ng		99
55) 4-Nitrophenol	9.77	139	32010	21.40	ng		96
56) 2,4-Dinitrotoluene	9.82	165	57967	21.62	ng		98
57) Fluorene	10.16	166	188452	21.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	42186	23.41	ng		97
59) Diethylphthalate	10.04	149	186408	20.39	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	82744	20.67	ng	#	90
61) 4-Nitroaniline	10.19	138	45769	19.03	ng		97
62) Azobenzene	10.32	77	213271	21.47	ng		87
64) 4,6-Dinitro-2-methylphenol	10.23	198	25002	17.97	ng		93
65) n-Nitrosodiphenylamine	10.27	169	155839	19.51	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	47950	20.28	ng		94
67) Hexachlorobenzene	10.71	284	46762	18.39	ng	#	96
68) Atrazine	10.81	200	52476	21.01	ng		98
69) Pentachlorophenol	10.90	266	32154	27.40	ng		98
70) Phenanthrene	11.11	178	263418	20.10	ng		99
71) Anthracene	11.16	178	281426	20.65	ng		100
72) Carbazole	11.32	167	261000	21.81	ng		99
73) Di-n-butylphthalate	11.67	149	308954	20.87	ng		98
74) Fluoranthene	12.29	202	266857	19.37	ng		99
76) Benzidine	12.42	184	54737	8.80	ng		99
77) Pyrene	12.51	202	285082	19.08	ng		99
79) Butylbenzylphthalate	13.14	149	127118	20.11	ng		87
80) Benzo(a)anthracene	13.70	228	225254	19.55	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	64833	16.96	ng	#	98
82) Chrysene	13.74	228	229257	20.83	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	179095	21.36	ng	#	96
84) Di-n-octyl phthalate	14.32	149	298023	21.54	ng		99
85) Indeno(1,2,3-cd)pyrene	16.27	276	160829	20.12	ng		100
87) Benzo(b)fluoranthene	14.70	252	214000m	19.97	ng		
88) Benzo(k)fluoranthene	14.72	252	170925m	22.31	ng		
89) Benzo(a)pyrene	14.99	252	174943	21.03	ng		99
90) Dibenzo(a,h)anthracene	16.27	278	134005	20.41	ng	#	93
91) Benzo(g,h,i)perylene	16.63	276	129137	19.50	ng		96

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

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