Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086322.D
Acq On : 20 Apr 2016 21:39
Operator : UM/SJ
Sample : H1824-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER2016-02

Manual Integrations APPROVED
sohil
4/21/2016 7:10:44 PM

Quant Time: Apr 21 01:41:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	266067	20.00	ng		-0.03
21) Naphthalene-d8	8.14	136	1095751	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	507028	20.00	ng		-0.03
63) Phenanthrene-d10	11.38	188	852688	20.00	ng		-0.03
75) Chrysene-d12	14.02	240	489733	20.00	ng		-0.03
86) Perylene-d12	15.44	264	462065	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1960307	128.55	ng		-0.01
7) Phenol-d6	6.50	99	2488907	124.72	ng		-0.02
23) Nitrobenzene-d5	7.42	82	1592211	83.22	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	512896	129.78	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	2569882	100.90	ng		-0.03
78) Terphenyl-d14	12.97	244	1714374	83.33	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	120635	14.60	ng	#	90
3) Pyridine	3.31	79	296862	14.04	ng		95
4) n-Nitrosodimethylamine	3.21	42	122247	16.78	ng	#	68
6) Aniline	6.52	93	265432	9.88	ng	#	82
8) 2-Chlorophenol	6.65	128	332280	18.34	ng		84
9) Benzaldehyde	6.41	77	304401	21.52	ng		98
10) Phenol	6.51	94	395194	17.28	ng		91
11) bis(2-Chloroethyl)ether	6.60	93	351905	17.62	ng		92
12) 1,3-Dichlorobenzene	6.80	146	354168	17.82	ng		98
13) 1,4-Dichlorobenzene	6.88	146	384817	18.12	ng		98
14) 1,2-Dichlorobenzene	7.04	146	328143	17.42	ng		99
15) Benzyl Alcohol	7.00	79	249276	20.10	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	481196	17.12	ng		89
17) 2-Methylphenol	7.12	107	295701	19.53	ng		96
18) Hexachloroethane	7.38	117	124949	19.74	ng		92
19) n-Nitroso-di-n-propylamine	7.28	70	244729	20.25	ng		94
20) 3+4-Methylphenols	7.26	107	342518	20.86	ng	#	80
22) Acetophenone	7.28	105	479003	20.81	ng	#	96
24) Nitrobenzene	7.45	77	347084	16.96	ng		95
25) Isophorone	7.68	82	660249	18.21	ng		95
26) 2-Nitrophenol	7.77	139	173281	18.93	ng	#	71
27) 2,4-Dimethylphenol	7.80	122	317211	17.67	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	416880	19.66	ng		99
29) 2,4-Dichlorophenol	8.01	162	280828	19.83	ng		93
30) 1,2,4-Trichlorobenzene	8.09	180	294117	19.25	ng		100
31) Naphthalene	8.17	128	1052380	20.15	ng		98
32) Benzoic acid	7.89	122	156164	14.63	ng		90
33) 4-Chloroaniline	8.22	127	164486	7.61	ng	#	92
34) Hexachlorobutadiene	8.29	225	142886	18.56	ng		98
35) Caprolactam	8.57	113	85218	18.58	ng	#	64
36) 4-Chloro-3-methylphenol	8.70	107	308545	19.38	ng		95
37) 2-Methylnaphthalene	8.86	142	651515	20.20	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	257636	19.09	ng		97
40) Hexachlorocyclopentadiene	9.01	237	83821	26.60	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	173998	18.58	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	184394	18.08	ng	#	84
45) 1,1'-Biphenyl	9.32	154	793145	19.92	ng		99
46) 2-Chloronaphthalene	9.34	162	585148	19.39	ng		99
47) 2-Nitroaniline	9.45	65	189636	18.49	ng	#	73
48) Acenaphthylene	9.76	152	945005	20.06	ng		98
49) Dimethylphthalate	9.62	163	693786	17.97	ng		99
50) 2,6-Dinitrotoluene	9.69	165	159809	20.12	ng		94
51) Acenaphthene	9.94	154	563709	20.39	ng		97
52) 3-Nitroaniline	9.86	138	113121	11.20	ng		85
53) 2,4-Dinitrophenol	9.96	184	32459	24.59	ng	#	55
54) Dibenzofuran	10.11	168	824898	21.95	ng		99
55) 4-Nitrophenol	10.01	139	109041	17.41	ng		86
56) 2,4-Dinitrotoluene	10.09	165	204309	20.69	ng		98
57) Fluorene	10.45	166	601207	21.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	155636	22.75	ng		89
59) Diethylphthalate	10.33	149	725307	19.26	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	278186	21.57	ng		99
61) 4-Nitroaniline	10.46	138	169551	17.93	ng	#	84
62) Azobenzene	10.60	77	790751	21.30	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	56019	24.31	ng		97
65) n-Nitrosodiphenylamine	10.56	169	551123	19.62	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	173819	18.97	ng		98
67) Hexachlorobenzene	10.99	284	167344	18.20	ng		96
68) Atrazine	11.08	200	161586	18.71	ng		99
69) Pentachlorophenol	11.18	266	92295	19.16	ng		97
70) Phenanthrene	11.40	178	825283	20.42	ng		99
71) Anthracene	11.46	178	920196	21.26	ng		98
72) Carbazole	11.62	167	847811	20.70	ng		96
73) Di-n-butylphthalate	11.95	149	1094630	20.76	ng		98
74) Fluoranthene	12.59	202	771820	20.60	ng		97
76) Benzidine	12.72	184	160582	7.43	ng		98
77) Pyrene	12.82	202	742148	20.43	ng		99
79) Butylbenzylphthalate	13.44	149	373239	19.46	ng	#	72
80) Benzo(a)anthracene	14.01	228	497217	19.27	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	117595	6.59	ng	#	96
82) Chrysene	14.04	228	566359	20.31	ng		97
83) Bis(2-ethylhexyl)phthalate	14.00	149	465911	20.75	ng	#	97
84) Di-n-octyl phthalate	14.61	149	786082	19.42	ng		95
85) Indeno(1,2,3-cd)pyrene	16.83	276	484723	16.91	ng		96
87) Benzo(b)fluoranthene	15.03	252	276865m	10.36	ng		
88) Benzo(k)fluoranthene	15.06	252	557442m	24.78	ng		
89) Benzo(a)pyrene	15.38	252	479591	19.47	ng		99
90) Dibenzo(a,h)anthracene	16.84	278	410955	19.11	ng	#	95
91) Benzo(g,h,i)perylene	17.24	276	388292	18.83	ng		94

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

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