Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086169.D
Acq On : 8 Apr 2016 15:39
Operator : UM/SJ
Sample : H1824-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER2016-02

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:10 PM

Quant Time: Apr 11 14:01:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	122969	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	503707	20.00	ng		-0.06
38) Acenaphthene-d10	9.77	164	248392	20.00	ng		-0.05
63) Phenanthrene-d10	11.24	188	453190	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	374024	20.00	ng		-0.05
86) Perylene-d12	15.28	264	264699	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	934032	129.83	ng		-0.03
7) Phenol-d6	6.38	99	1194974	130.77	ng		-0.03
23) Nitrobenzene-d5	7.30	82	709095	83.02	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	288510	123.75	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1346237	90.11	ng		-0.05
78) Terphenyl-d14	12.83	244	1156918	72.71	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	48546	14.23	ng		90
3) Pyridine	3.09	79	95429m	12.50	ng		
4) n-Nitrosodimethylamine	2.96	42	56700	16.89	ng		95
6) Aniline	6.40	93	79690	6.65	ng	#	1
8) 2-Chlorophenol	6.51	128	149439	17.42	ng		88
9) Benzaldehyde	6.28	77	115472	23.48	ng		89
10) Phenol	6.40	94	165952	15.92	ng		95
11) bis(2-Chloroethyl)ether	6.46	93	142523	17.27	ng		92
12) 1,3-Dichlorobenzene	6.67	146	150625	16.57	ng		98
13) 1,4-Dichlorobenzene	6.74	146	155667	16.62	ng		99
14) 1,2-Dichlorobenzene	6.90	146	141570	16.42	ng		98
15) Benzyl Alcohol	6.89	79	111478	18.86	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	170037	16.86	ng		85
17) 2-Methylphenol	7.00	107	121581	17.97	ng		97
18) Hexachloroethane	7.23	117	57593	16.71	ng	#	83
19) n-Nitroso-di-n-propylamine	7.15	70	106789	18.85	ng		99
20) 3+4-Methylphenols	7.16	107	159337	19.37	ng	#	62
22) Acetophenone	7.14	105	212317	17.93	ng	#	94
24) Nitrobenzene	7.31	77	148784	15.92	ng		95
25) Isophorone	7.55	82	277633	16.47	ng		98
26) 2-Nitrophenol	7.64	139	74119	16.58	ng		94
27) 2,4-Dimethylphenol	7.68	122	128470	16.00	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	180673	18.26	ng		97
29) 2,4-Dichlorophenol	7.88	162	126953	18.70	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	129055	16.94	ng		93
31) Naphthalene	8.03	128	428327	16.91	ng		99
32) Benzoic acid	7.80	122	70194	11.92	ng		99
33) 4-Chloroaniline	8.10	127	40405	3.95	ng		96
34) Hexachlorobutadiene	8.14	225	64939	15.85	ng		99
35) Caprolactam	8.45	113	42568	19.77	ng	#	85
36) 4-Chloro-3-methylphenol	8.59	107	133871	17.54	ng		89
37) 2-Methylnaphthalene	8.73	142	302532	18.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	116399	15.59	ng		98
40) Hexachlorocyclopentadiene	8.88	237	18013	14.03	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	81380	16.98	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	83878	17.23	ng	#	89
45) 1,1'-Biphenyl	9.18	154	344668	16.09	ng		98
46) 2-Chloronaphthalene	9.21	162	253770	16.35	ng	#	91
47) 2-Nitroaniline	9.32	65	78914	17.37	ng		87
48) Acenaphthylene	9.63	152	427513	17.19	ng		98
49) Dimethylphthalate	9.49	163	325120	17.66	ng		99
50) 2,6-Dinitrotoluene	9.56	165	71164	18.27	ng	#	75
51) Acenaphthene	9.79	154	244661	16.54	ng		99
52) 3-Nitroaniline	9.73	138	15374	3.27	ng		94
53) 2,4-Dinitrophenol	9.86	184	17572	13.34	ng	#	79
54) Dibenzofuran	9.97	168	370972	18.99	ng		97
55) 4-Nitrophenol	9.92	139	31006	11.20	ng	#	65
56) 2,4-Dinitrotoluene	9.97	165	82688	16.80	ng	#	77
57) Fluorene	10.32	166	295102	17.68	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	65067	17.95	ng		96
59) Diethylphthalate	10.19	149	331604	17.85	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	144123	18.54	ng		93
61) 4-Nitroaniline	10.34	138	57805	12.50	ng		82
62) Azobenzene	10.46	77	353632	19.87	ng		97
64) 4,6-Dinitro-2-methylphenol	10.38	198	34965	12.73	ng	#	62
65) n-Nitrosodiphenylamine	10.43	169	257953	18.20	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	80362	17.37	ng	#	89
67) Hexachlorobenzene	10.86	284	81382	17.01	ng		95
68) Atrazine	10.96	200	81645	17.83	ng		99
69) Pentachlorophenol	11.06	266	26969	12.03	ng		98
70) Phenanthrene	11.26	178	433967	17.55	ng		99
71) Anthracene	11.32	178	455354	17.58	ng		99
72) Carbazole	11.48	167	397376	17.85	ng		99
73) Di-n-butylphthalate	11.81	149	521723	18.91	ng		99
74) Fluoranthene	12.45	202	419505	16.31	ng		97
77) Pyrene	12.68	202	436664	16.57	ng		100
79) Butylbenzylphthalate	13.30	149	188049	15.85	ng	#	67
80) Benzo(a)anthracene	13.87	228	358744	16.27	ng		99
82) Chrysene	13.91	228	315491	14.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	276580	17.56	ng		100
84) Di-n-octyl phthalate	14.47	149	448480	17.83	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	237143	13.76	ng		99
87) Benzo(b)fluoranthene	14.89	252	302072m	18.14	ng		
88) Benzo(k)fluoranthene	14.91	252	255784m	17.35	ng		
89) Benzo(a)pyrene	15.22	252	249434	16.91	ng		99
90) Dibenzo(a,h)anthracene	16.61	278	202471	17.06	ng		98
91) Benzo(g,h,i)perylene	17.00	276	194377	16.92	ng		99

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

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