Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091475.D
Acq On : 7 Dec 2016 17:55
Operator : UM/SJ
Sample : H5867-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Manual Integrations APPROVED
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12/8/2016 2:04:46 PM

Quant Time: Dec 08 00:44:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156111	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	585781	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	383017	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	646367	20.00	ng		0.00
75) Chrysene-d12	13.99	240	495305	20.00	ng		0.01
86) Perylene-d12	15.40	264	297037	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	874114	91.47	ng		0.02
7) Phenol-d6	6.47	99	1071170	91.06	ng		0.00
23) Nitrobenzene-d5	7.40	82	764270	73.12	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	459045	126.60	ng		0.01
44) 2-Fluorobiphenyl	9.20	172	1625867	76.86	ng		0.00
78) Terphenyl-d14	12.94	244	1649195	72.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	106181	24.56	ng	#	82
3) Pyridine	3.28	79	224871	18.38	ng		88
4) n-Nitrosodimethylamine	3.21	42	215511	33.57	ng		99
6) Aniline	6.50	93	129932	8.32	ng	#	76
8) 2-Chlorophenol	6.62	128	338709	32.33	ng	#	81
9) Benzaldehyde	6.38	77	67373	8.91	ng		84
10) Phenol	6.48	94	323164	23.35	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	320972	32.45	ng		98
12) 1,3-Dichlorobenzene	6.78	146	345259	29.62	ng		96
13) 1,4-Dichlorobenzene	6.85	146	345391	29.79	ng		95
14) 1,2-Dichlorobenzene	7.01	146	360689	33.40	ng		95
15) Benzyl Alcohol	6.97	79	297719	31.62	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	677272	31.85	ng		72
17) 2-Methylphenol	7.10	107	278640	33.64	ng	#	77
18) Hexachloroethane	7.35	117	131038	31.83	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	276217	37.27	ng	#	88
20) 3+4-Methylphenols	7.25	107	347409	34.36	ng	#	62
22) Acetophenone	7.25	105	500068	36.02	ng	#	83
24) Nitrobenzene	7.42	77	405960	37.93	ng	#	89
25) Isophorone	7.66	82	712532	38.48	ng		99
26) 2-Nitrophenol	7.74	139	194138	39.81	ng	#	79
27) 2,4-Dimethylphenol	7.77	122	317914	34.85	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	453950	40.73	ng		98
29) 2,4-Dichlorophenol	7.98	162	317986	39.62	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	323392	35.94	ng		99
31) Naphthalene	8.14	128	966069	34.70	ng		99
32) Benzoic acid	7.90	122	223736	33.27	ng		95
33) 4-Chloroaniline	8.20	127	57763	4.85	ng		95
34) Hexachlorobutadiene	8.26	225	206498	37.32	ng		98
35) Caprolactam	8.56	113	82357m	35.70	ng		
36) 4-Chloro-3-methylphenol	8.68	107	335573	38.73	ng		97
37) 2-Methylnaphthalene	8.84	142	768694	40.64	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	330455	30.60	ng		98
40) Hexachlorocyclopentadiene	8.98	237	387088	77.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	249738m	35.59	ng		
43) 2,4,5-Trichlorophenol	9.16	196	256098m	36.42	ng		
45) 1,1'-Biphenyl	9.29	154	856199	31.09	ng		97
46) 2-Chloronaphthalene	9.32	162	648189	31.60	ng		98
47) 2-Nitroaniline	9.42	65	260833	35.41	ng		99
48) Acenaphthylene	9.74	152	1121790	34.74	ng		99
49) Dimethylphthalate	9.60	163	817323	35.24	ng		98
50) 2,6-Dinitrotoluene	9.66	165	186973	36.07	ng		95
51) Acenaphthene	9.91	154	861854	39.57	ng		96
52) 3-Nitroaniline	9.82	138	50756	8.46	ng		88
53) 2,4-Dinitrophenol	9.93	184	238426	105.18	ng		92
54) Dibenzofuran	10.08	168	1099405	37.70	ng		93
55) 4-Nitrophenol	9.99	139	244308	56.38	ng		93
56) 2,4-Dinitrotoluene	10.06	165	241546	35.92	ng	#	62
57) Fluorene	10.42	166	886374	39.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	239473	39.88	ng		96
59) Diethylphthalate	10.30	149	819389	35.79	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	396036	35.27	ng	#	89
61) 4-Nitroaniline	10.44	138	122099	21.67	ng		88
62) Azobenzene	10.57	77	874093	37.42	ng		92
64) 4,6-Dinitro-2-methylphenol	10.47	198	173169	48.63	ng	#	44
65) n-Nitrosodiphenylamine	10.53	169	496551	25.34	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	294242	42.35	ng	#	81
67) Hexachlorobenzene	10.96	284	281244	37.46	ng	#	74
68) Atrazine	11.05	200	71832	11.32	ng		98
69) Pentachlorophenol	11.16	266	339653	76.85	ng		97
70) Phenanthrene	11.38	178	1259443	37.50	ng		97
71) Anthracene	11.43	178	1279509	38.39	ng		99
72) Carbazole	11.58	167	672097	22.22	ng		98
73) Di-n-butylphthalate	11.92	149	1431930	41.77	ng		100
74) Fluoranthene	12.56	202	1270414	39.93	ng		100
77) Pyrene	12.79	202	1337333	35.58	ng		99
79) Butylbenzylphthalate	13.42	149	574256	40.80	ng	#	79
80) Benzo(a)anthracene	13.98	228	1054234	36.40	ng		97
82) Chrysene	14.01	228	1041430	36.34	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	796189	44.63	ng	#	92
84) Di-n-octyl phthalate	14.59	149	1198992	44.41	ng		97
85) Indeno(1,2,3-cd)pyrene	16.79	276	786471	29.96	ng	#	91
87) Benzo(b)fluoranthene	15.00	252	834191	45.18	ng	#	97
88) Benzo(k)fluoranthene	15.03	252	861440m	55.48	ng		
89) Benzo(a)pyrene	15.34	252	741555	44.73	ng	#	96
90) Dibenzo(a,h)anthracene	16.80	278	676438	44.11	ng	#	93
91) Benzo(g,h,i)perylene	17.20	276	641573	40.58	ng	#	94

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

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