Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087588.D
Acq On : 31 May 2016 19:04
Operator : UM/SJ
Sample : H3332-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MSD

Manual Integrations APPROVED
sohil
6/1/2016 6:34:15 PM

Quant Time: Jun 01 11:33:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 03:17:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	102710	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	423608	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	203029	20.00	ng		-0.01
63) Phenanthrene-d10	14.71	188	390099	20.00	ng		0.00
75) Chrysene-d12	18.42	240	328468	20.00	ng		0.00
86) Perylene-d12	20.13	264	174339	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	851938	145.75	ng		0.03
7) Phenol-d6	7.02	99	1115001	141.17	ng		0.00
23) Nitrobenzene-d5	8.36	82	813270	96.76	ng		-0.01
41) 2,4,6-Tribromophenol	13.60	330	295183	151.29	ng		-0.01
44) 2-Fluorobiphenyl	11.24	172	1347841	93.59	ng		-0.01
78) Terphenyl-d14	17.06	244	1343612	86.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	114388	37.09	ng	#	69
3) Pyridine	2.54	79	208510m	30.92	ng		
4) n-Nitrosodimethylamine	2.44	42	244183	47.00	ng	#	44
6) Aniline	7.04	93	55346	5.42	ng	#	1
8) 2-Chlorophenol	7.14	128	355320	48.74	ng		92
9) Benzaldehyde	6.89	77	26933	6.18	ng		93
10) Phenol	7.04	94	413818	47.98	ng	#	70
11) bis(2-Chloroethyl)ether	7.10	93	340202	48.73	ng		91
12) 1,3-Dichlorobenzene	7.34	146	358122	45.04	ng	#	89
13) 1,4-Dichlorobenzene	7.47	146	370248	45.36	ng		96
14) 1,2-Dichlorobenzene	7.70	146	353580	46.83	ng		98
15) Benzyl Alcohol	7.77	79	259835	45.12	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.94	45	675953	43.04	ng		88
17) 2-Methylphenol	7.99	107	297905	51.00	ng	#	89
18) Hexachloroethane	8.20	117	144628	47.50	ng		99
19) n-Nitroso-di-n-propylamine	8.17	70	293532	49.83	ng	#	71
20) 3+4-Methylphenols	8.26	107	381597	54.03	ng	#	60
22) Acetophenone	8.14	105	517195	51.11	ng	#	96
24) Nitrobenzene	8.40	77	429120	48.37	ng		97
25) Isophorone	8.79	82	725541	48.13	ng		97
26) 2-Nitrophenol	8.90	139	182245	50.25	ng	#	60
27) 2,4-Dimethylphenol	9.06	122	324989	51.62	ng		87
28) bis(2-Chloroethoxy)methane	9.16	93	423014	49.82	ng		98
29) 2,4-Dichlorophenol	9.36	162	298118	52.54	ng		99
30) 1,2,4-Trichlorobenzene	9.40	180	309160	47.60	ng		99
31) Naphthalene	9.51	128	1219429	57.45	ng		100
32) Benzoic acid	9.44	122	180772	54.82	ng	#	75
33) 4-Chloroaniline	9.76	127	27171	3.48	ng	#	90
34) Hexachlorobutadiene	9.71	225	181271	45.91	ng		98
35) Caprolactam	10.32	113	78430m	47.36	ng		
36) 4-Chloro-3-methylphenol	10.55	107	346726	54.05	ng		86
37) 2-Methylnaphthalene	10.63	142	704939	53.16	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	295713	45.50	ng		98
40) Hexachlorocyclopentadiene	10.87	237	172960	66.48	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.15	196	186126	49.62	ng		94
43) 2,4,5-Trichlorophenol	11.26	196	177165	46.38	ng	#	84
45) 1,1'-Biphenyl	11.40	154	861088	50.37	ng		99
46) 2-Chloronaphthalene	11.42	162	624847	47.78	ng		92
47) 2-Nitroaniline	11.66	65	235650	50.01	ng		83
48) Acenaphthylene	12.08	152	986587	47.65	ng		99
49) Dimethylphthalate	11.96	163	795282	48.90	ng		99
50) 2,6-Dinitrotoluene	12.06	165	158821	48.46	ng	#	53
51) Acenaphthene	12.35	154	634182	49.84	ng		98
52) 3-Nitroaniline	12.39	138	29549	8.79	ng	#	83
53) 2,4-Dinitrophenol	12.55	184	169168	99.16	ng	#	73
54) Dibenzofuran	12.65	168	940937	54.61	ng		97
55) 4-Nitrophenol	12.77	139	137748	85.86	ng	#	52
56) 2,4-Dinitrotoluene	12.73	165	242303	55.32	ng	#	91
57) Fluorene	13.20	166	750599	50.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.89	232	169026	57.52	ng		98
59) Diethylphthalate	13.11	149	768624	48.61	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	343970	47.21	ng		93
61) 4-Nitroaniline	13.36	138	85762	27.32	ng	#	65
62) Azobenzene	13.49	77	922564	56.24	ng		86
64) 4,6-Dinitro-2-methylphenol	13.41	198	115944	46.74	ng	#	75
65) n-Nitrosodiphenylamine	13.44	169	407202	32.28	ng		99
66) 4-Bromophenyl-phenylether	14.01	248	206490	48.39	ng	#	88
67) Hexachlorobenzene	14.08	284	216981	48.61	ng	#	73
68) Atrazine	14.35	200	70950	17.64	ng		92
69) Pentachlorophenol	14.46	266	123694	88.46	ng		95
70) Phenanthrene	14.74	178	1097387	50.79	ng		100
71) Anthracene	14.83	178	1124290	51.50	ng		100
72) Carbazole	15.14	167	541520	29.09	ng		99
73) Di-n-butylphthalate	15.69	149	1200182	49.85	ng	#	98
74) Fluoranthene	16.51	202	1154433	53.28	ng		97
77) Pyrene	16.82	202	1121966	47.45	ng		100
79) Butylbenzylphthalate	17.73	149	508496	48.50	ng	#	77
80) Benzo(a)anthracene	18.41	228	930691	49.81	ng		99
82) Chrysene	18.46	228	943732	50.89	ng		100
83) Bis(2-ethylhexyl)phthalate	18.47	149	688908	45.03	ng		98
84) Di-n-octyl phthalate	19.23	149	1173164	50.28	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.31	276	650328	43.75	ng		94
87) Benzo(b)fluoranthene	19.69	252	750350m	67.57	ng		
88) Benzo(k)fluoranthene	19.73	252	899883m	94.14	ng		
89) Benzo(a)pyrene	20.05	252	709838	73.90	ng		98
90) Dibenzo(a,h)anthracene	21.31	278	597554	72.94	ng	#	94
91) Benzo(g,h,i)perylene	21.70	276	463498	57.34	ng	#	91

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

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