Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087451.D
Acq On : 27 May 2016 19:42
Operator : UM/SJ
Sample : H3240-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-46-052316MS

Manual Integrations APPROVED
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5/31/2016 7:01:44 PM

Quant Time: May 28 00:21:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	119235	20.00	ng		-0.03
21) Naphthalene-d8	9.52	136	511353	20.00	ng		-0.03
38) Acenaphthene-d10	12.34	164	246436	20.00	ng		-0.05
63) Phenanthrene-d10	14.75	188	464459	20.00	ng		-0.02
75) Chrysene-d12	18.45	240	355380	20.00	ng		-0.03
86) Perylene-d12	20.13	264	199816	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	935787	137.91	ng		0.00
7) Phenol-d6	7.05	99	1163682	126.91	ng		-0.02
23) Nitrobenzene-d5	8.41	82	882749	87.00	ng		-0.03
41) 2,4,6-Tribromophenol	13.65	330	328371	138.66	ng		-0.03
44) 2-Fluorobiphenyl	11.30	172	1555840	89.00	ng		-0.03
78) Terphenyl-d14	17.11	244	1563222	93.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	103480	28.90	ng	#	68
3) Pyridine	2.60	79	310471m	39.66	ng		
4) n-Nitrosodimethylamine	2.49	42	255664	42.39	ng	#	44
6) Aniline	7.02	93	115184	9.71	ng		93
8) 2-Chlorophenol	7.18	128	381195	45.05	ng		94
9) Benzaldehyde	6.87	77	24596	4.86	ng		97
10) Phenol	7.06	94	463763	46.32	ng	#	71
11) bis(2-Chloroethyl)ether	7.13	93	367021	45.29	ng		86
12) 1,3-Dichlorobenzene	7.38	146	373750	40.49	ng	#	93
13) 1,4-Dichlorobenzene	7.51	146	382532m	40.37	ng		
14) 1,2-Dichlorobenzene	7.75	146	372382	42.49	ng		98
15) Benzyl Alcohol	7.80	79	292175	43.71	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.99	45	733769	40.24	ng		89
17) 2-Methylphenol	8.01	107	331682	48.91	ng	#	89
18) Hexachloroethane	8.26	117	150132	42.47	ng	#	89
19) n-Nitroso-di-n-propylamine	8.22	70	334206	48.87	ng	#	75
20) 3+4-Methylphenols	8.27	107	421003	51.35	ng	#	61
22) Acetophenone	8.17	105	567194	46.43	ng	#	95
24) Nitrobenzene	8.43	77	466936	43.60	ng		98
25) Isophorone	8.83	82	825576	45.37	ng	#	98
26) 2-Nitrophenol	8.94	139	202280	46.20	ng	#	68
27) 2,4-Dimethylphenol	9.08	122	354063	46.59	ng	#	85
28) bis(2-Chloroethoxy)methane	9.21	93	484823	47.30	ng		98
29) 2,4-Dichlorophenol	9.36	162	333650	48.71	ng		95
30) 1,2,4-Trichlorobenzene	9.44	180	335642	42.81	ng		96
31) Naphthalene	9.55	128	1141440	44.55	ng		100
32) Benzoic acid	9.44	122	172195	44.49	ng	#	78
33) 4-Chloroaniline	9.76	127	28355	3.00	ng	#	53
34) Hexachlorobutadiene	9.76	225	196238	41.17	ng		99
35) Caprolactam	10.35	113	89348m	44.70	ng		
36) 4-Chloro-3-methylphenol	10.58	107	388862	50.22	ng		94
37) 2-Methylnaphthalene	10.67	142	755130m	47.17	ng		
39) 1,2,4,5-Tetrachlorobenzene	10.95	216	331984	42.08	ng		99
40) Hexachlorocyclopentadiene	10.92	237	248818	77.04	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.19	196	213734	46.94	ng		92
43) 2,4,5-Trichlorophenol	11.27	196	208291	44.92	ng	#	87
45) 1,1'-Biphenyl	11.45	154	964334	46.48	ng		98
46) 2-Chloronaphthalene	11.46	162	697264	43.93	ng		93
47) 2-Nitroaniline	11.69	65	284450	49.74	ng		87
48) Acenaphthylene	12.11	152	1142707	45.47	ng		99
49) Dimethylphthalate	12.01	163	914916	46.35	ng		99
50) 2,6-Dinitrotoluene	12.10	165	188423	47.37	ng	#	77
51) Acenaphthene	12.40	154	697103	45.13	ng		97
52) 3-Nitroaniline	12.39	138	43215	10.59	ng	#	87
53) 2,4-Dinitrophenol	12.57	184	185804	90.35	ng	#	85
54) Dibenzofuran	12.69	168	1052574	50.33	ng		94
55) 4-Nitrophenol	12.77	139	173047	88.86	ng	#	47
56) 2,4-Dinitrotoluene	12.77	165	268860	50.57	ng		90
57) Fluorene	13.25	166	852496	47.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.93	232	194835	54.62	ng		97
59) Diethylphthalate	13.15	149	889712	46.36	ng		99
60) 4-Chlorophenyl-phenylether	13.27	204	391856	44.31	ng		97
61) 4-Nitroaniline	13.37	138	123940	32.53	ng	#	64
62) Azobenzene	13.53	77	1033493	51.91	ng		86
64) 4,6-Dinitro-2-methylphenol	13.43	198	135627	45.92	ng	#	72
65) n-Nitrosodiphenylamine	13.49	169	534130	35.56	ng		99
66) 4-Bromophenyl-phenylether	14.06	248	239046	47.05	ng		92
67) Hexachlorobenzene	14.13	284	243686	45.85	ng	#	74
68) Atrazine	14.40	200	62959	13.15	ng		91
69) Pentachlorophenol	14.49	266	178550	105.94	ng		94
70) Phenanthrene	14.79	178	1228138	47.74	ng		100
71) Anthracene	14.87	178	1232815	47.43	ng		100
72) Carbazole	15.17	167	749521	33.81	ng		99
73) Di-n-butylphthalate	15.74	149	1382812	48.24	ng	#	98
74) Fluoranthene	16.55	202	1208705	46.85	ng		97
77) Pyrene	16.86	202	1283928	50.19	ng		99
79) Butylbenzylphthalate	17.77	149	597892	52.70	ng		88
80) Benzo(a)anthracene	18.43	228	956856	47.33	ng		99
82) Chrysene	18.48	228	949249	47.32	ng		100
83) Bis(2-ethylhexyl)phthalate	18.51	149	804048	48.57	ng		98
84) Di-n-octyl phthalate	19.28	149	1190478	47.16	ng	#	85
85) Indeno(1,2,3-cd)pyrene	21.34	276	692169	43.04	ng		94
87) Benzo(b)fluoranthene	19.71	252	765602	60.15	ng	#	93
88) Benzo(k)fluoranthene	19.74	252	752599m	68.70	ng		
89) Benzo(a)pyrene	20.06	252	677484	61.54	ng	#	96
90) Dibenzo(a,h)anthracene	21.34	278	598076	63.70	ng		96
91) Benzo(g,h,i)perylene	21.68	276	556215	60.04	ng	#	93

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

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