Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
Data File : BF088054.D
Acq On : 16 Jun 2016 1:01
Operator : UM/SJ
Sample : H3510-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Manual Integrations APPROVED
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6/16/2016 6:47:23 PM

Quant Time: Jun 16 11:14:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 03:20:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108922	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	440665	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	181503	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	304202	20.00	ng		0.00
75) Chrysene-d12	13.90	240	212668	20.00	ng		0.00
86) Perylene-d12	15.29	264	173093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	687556	107.91	ng		0.03
7) Phenol-d6	6.40	99	835477	108.20	ng		0.01
23) Nitrobenzene-d5	7.31	82	620491	82.22	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	196150	102.35	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1146870	100.26	ng		0.00
78) Terphenyl-d14	12.85	244	689359	73.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	105331	34.02	ng	#	87
3) Pyridine	3.13	79	165085m	22.58	ng		
4) n-Nitrosodimethylamine	3.06	42	119135	38.48	ng		81
6) Aniline	6.43	93	28946	2.63	ng	#	80
8) 2-Chlorophenol	6.54	128	330010	43.76	ng		88
9) Benzaldehyde	6.30	77	13843	2.59	ng		95
10) Phenol	6.41	94	339025	42.38	ng		97
11) bis(2-Chloroethyl)ether	6.49	93	297572	43.95	ng		89
12) 1,3-Dichlorobenzene	6.68	146	323518	39.98	ng		98
13) 1,4-Dichlorobenzene	6.76	146	344827	42.31	ng		99
14) 1,2-Dichlorobenzene	6.91	146	293151m	39.55	ng		
15) Benzyl Alcohol	6.90	79	123676	20.47	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	377259	41.24	ng		87
17) 2-Methylphenol	7.02	107	246020	40.23	ng		99
18) Hexachloroethane	7.26	117	120799	41.77	ng		91
19) n-Nitroso-di-n-propylamine	7.18	70	210508	42.62	ng	#	86
20) 3+4-Methylphenols	7.18	107	299031	41.91	ng	#	79
22) Acetophenone	7.16	105	419596	42.61	ng	#	95
24) Nitrobenzene	7.34	77	338597	46.32	ng		93
25) Isophorone	7.58	82	572847	40.98	ng		100
26) 2-Nitrophenol	7.66	139	177848	45.42	ng	#	73
27) 2,4-Dimethylphenol	7.70	122	305504	42.37	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	335994	38.76	ng		98
29) 2,4-Dichlorophenol	7.90	162	247830	41.17	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	273160	41.67	ng		99
31) Naphthalene	8.06	128	951228	43.62	ng		99
32) Benzoic acid	7.85	122	193705	48.79	ng		89
34) Hexachlorobutadiene	8.17	225	137792	39.86	ng		98
35) Caprolactam	8.49	113	72668m	36.44	ng		
36) 4-Chloro-3-methylphenol	8.60	107	258334	40.13	ng		97
37) 2-Methylnaphthalene	8.74	142	590169	41.06	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	239620	54.69	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	128548	43.91	ng		98
42) 2,4,6-Trichlorophenol	9.03	196	161938	44.62	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	167024	44.23	ng	#	95
45) 1,1'-Biphenyl	9.21	154	650332	48.17	ng		99
46) 2-Chloronaphthalene	9.23	162	522436	44.48	ng		99
47) 2-Nitroaniline	9.34	65	145085	41.87	ng	#	78
48) Acenaphthylene	9.64	152	768234	41.12	ng		99
49) Dimethylphthalate	9.52	163	610553	46.44	ng		100
50) 2,6-Dinitrotoluene	9.58	165	132063	43.86	ng	#	64
51) Acenaphthene	9.82	154	523311	44.90	ng		99
53) 2,4-Dinitrophenol	9.86	184	112756	70.53	ng	#	65
54) Dibenzofuran	9.99	168	670166	41.75	ng	#	88
55) 4-Nitrophenol	9.92	139	159407	59.11	ng		89
56) 2,4-Dinitrotoluene	9.99	165	176759	45.68	ng	#	87
57) Fluorene	10.33	166	463229	42.43	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	139818	47.12	ng	#	55
59) Diethylphthalate	10.22	149	631819	47.47	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	236849	44.37	ng		89
61) 4-Nitroaniline	10.35	138	58783	17.84	ng		95
62) Azobenzene	10.48	77	488081	37.09	ng		93
64) 4,6-Dinitro-2-methylphenol	10.39	198	83592	44.20	ng	#	78
65) n-Nitrosodiphenylamine	10.44	169	191083	18.93	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	146315	44.83	ng	#	81
67) Hexachlorobenzene	10.88	284	158427	46.72	ng	#	88
68) Atrazine	10.97	200	12236	4.00	ng		95
69) Pentachlorophenol	11.07	266	147416	82.47	ng		97
70) Phenanthrene	11.29	178	753349	47.19	ng		99
71) Anthracene	11.34	178	700340	43.49	ng		99
72) Carbazole	11.50	167	241211	16.01	ng		97
73) Di-n-butylphthalate	11.84	149	903346	47.36	ng	#	98
74) Fluoranthene	12.47	202	630082	37.40	ng		96
77) Pyrene	12.70	202	614536	38.94	ng		100
79) Butylbenzylphthalate	13.33	149	331431	47.50	ng		94
80) Benzo(a)anthracene	13.89	228	498081	41.10	ng		100
82) Chrysene	13.92	228	487770	42.78	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	372463	43.85	ng		100
84) Di-n-octyl phthalate	14.50	149	724182	52.47	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	488784	46.14	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	561573m	46.55	ng		
88) Benzo(k)fluoranthene	14.93	252	513535m	56.43	ng		
89) Benzo(a)pyrene	15.23	252	499832	51.21	ng		100
90) Dibenzo(a,h)anthracene	16.64	278	433839	47.86	ng		99
91) Benzo(g,h,i)perylene	17.03	276	404613	43.39	ng		100

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

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