Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087487.D
Acq On : 28 May 2016 19:26
Operator : UM/SJ
Sample : H3258-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-2MSD

Manual Integrations APPROVED
umangi
5/31/2016 7:03:33 PM

Quant Time: May 30 03:38:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 03:25:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	110799	20.00	ng		-0.01
21) Naphthalene-d8	9.50	136	450779	20.00	ng		-0.01
38) Acenaphthene-d10	12.33	164	213912	20.00	ng		0.00
63) Phenanthrene-d10	14.73	188	403441	20.00	ng		0.00
75) Chrysene-d12	18.43	240	305382	20.00	ng		0.00
86) Perylene-d12	20.10	264	212455	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	864983	137.18	ng		0.01
7) Phenol-d6	7.03	99	1101854	129.32	ng		-0.01
23) Nitrobenzene-d5	8.39	82	766954	85.75	ng		-0.01
41) 2,4,6-Tribromophenol	13.62	330	265919	129.36	ng		-0.01
44) 2-Fluorobiphenyl	11.28	172	1246047	82.12	ng		-0.01
78) Terphenyl-d14	17.09	244	1151036	80.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.83	88	97309	29.25	ng	#	61
3) Pyridine	2.40	79	275100	37.82	ng	#	46
4) n-Nitrosodimethylamine	2.38	42	233301	41.63	ng	#	46
6) Aniline	6.97	93	350410	31.79	ng		94
8) 2-Chlorophenol	7.15	128	342478	43.55	ng		95
9) Benzaldehyde	6.81	77	48052	10.21	ng		100
10) Phenol	7.04	94	428237	46.03	ng		73
11) bis(2-Chloroethyl)ether	7.11	93	322307	42.80	ng		84
12) 1,3-Dichlorobenzene	7.36	146	339442	39.58	ng	#	91
13) 1,4-Dichlorobenzene	7.50	146	354957	40.31	ng		96
14) 1,2-Dichlorobenzene	7.72	146	341176	41.89	ng		99
15) Benzyl Alcohol	7.77	79	299210	48.17	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.96	45	656327	38.74	ng		87
17) 2-Methylphenol	7.99	107	282338	44.80	ng	#	91
18) Hexachloroethane	8.24	117	133407	40.61	ng		93
19) n-Nitroso-di-n-propylamine	8.19	70	283367	44.60	ng	#	72
20) 3+4-Methylphenols	8.25	107	373078	48.97	ng	#	60
22) Acetophenone	8.16	105	498137	46.26	ng	#	97
24) Nitrobenzene	8.41	77	399511	42.31	ng		97
25) Isophorone	8.81	82	700267	43.65	ng	#	98
26) 2-Nitrophenol	8.92	139	180811	46.85	ng	#	80
27) 2,4-Dimethylphenol	9.06	122	291490	43.51	ng	#	83
28) bis(2-Chloroethoxy)methane	9.19	93	415077	45.94	ng	#	98
29) 2,4-Dichlorophenol	9.34	162	287558	47.63	ng		98
30) 1,2,4-Trichlorobenzene	9.43	180	296503	42.90	ng		99
31) Naphthalene	9.53	128	981649	43.46	ng		100
32) Benzoic acid	9.36	122	60300	21.18	ng	#	78
33) 4-Chloroaniline	9.69	127	227356	27.33	ng	#	95
34) Hexachlorobutadiene	9.75	225	172854	41.14	ng		96
35) Caprolactam	10.31	113	82807m	46.99	ng		
36) 4-Chloro-3-methylphenol	10.55	107	321306	47.07	ng		86
37) 2-Methylnaphthalene	10.66	142	638101	45.22	ng		96
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	286051	41.78	ng		99
40) Hexachlorocyclopentadiene	10.90	237	168158	62.08	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.17	196	167799	42.46	ng		90
43) 2,4,5-Trichlorophenol	11.25	196	171994	42.73	ng	#	86
45) 1,1'-Biphenyl	11.43	154	783183	43.49	ng		97
46) 2-Chloronaphthalene	11.44	162	581879	42.23	ng	#	92
47) 2-Nitroaniline	11.67	65	245237	49.40	ng	#	83
48) Acenaphthylene	12.10	152	941579	43.16	ng		99
49) Dimethylphthalate	11.99	163	985107	57.49	ng		100
50) 2,6-Dinitrotoluene	12.08	165	149657	43.34	ng	#	73
51) Acenaphthene	12.38	154	559041	41.70	ng		98
52) 3-Nitroaniline	12.35	138	114396	32.28	ng		96
53) 2,4-Dinitrophenol	12.56	184	88589	52.58	ng	#	83
54) Dibenzofuran	12.67	168	858423	47.29	ng		99
55) 4-Nitrophenol	12.74	139	151137	89.41	ng	#	40
56) 2,4-Dinitrotoluene	12.74	165	206937	44.84	ng	#	89
57) Fluorene	13.22	166	670124	42.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.91	232	155958	50.37	ng		99
59) Diethylphthalate	13.13	149	702531	42.17	ng		100
60) 4-Chlorophenyl-phenylether	13.25	204	311401	40.57	ng		99
61) 4-Nitroaniline	13.36	138	152780	46.19	ng	#	72
62) Azobenzene	13.51	77	842811	48.76	ng		86
64) 4,6-Dinitro-2-methylphenol	13.42	198	98143	38.26	ng	#	83
65) n-Nitrosodiphenylamine	13.46	169	572155	43.85	ng		100
66) 4-Bromophenyl-phenylether	14.03	248	182561	41.36	ng		97
67) Hexachlorobenzene	14.10	284	190298	41.22	ng	#	69
68) Atrazine	14.39	200	190430	45.79	ng		93
69) Pentachlorophenol	14.47	266	102518	72.12	ng		99
70) Phenanthrene	14.77	178	967870	43.31	ng		99
71) Anthracene	14.86	178	980717	43.44	ng		99
72) Carbazole	15.14	167	878736	45.64	ng		98
73) Di-n-butylphthalate	15.73	149	1091026	43.82	ng		99
74) Fluoranthene	16.54	202	992838	44.31	ng		91
76) Benzidine	16.77	184	268255	34.14	ng		96
77) Pyrene	16.83	202	972158	44.23	ng		99
79) Butylbenzylphthalate	17.75	149	425580	43.66	ng	#	74
80) Benzo(a)anthracene	18.42	228	769015	44.27	ng		99
81) 3,3'-Dichlorobenzidine	18.41	252	141594	14.76	ng	#	98
82) Chrysene	18.47	228	744626	43.19	ng		100
83) Bis(2-ethylhexyl)phthalate	18.49	149	575784	40.48	ng	#	96
84) Di-n-octyl phthalate	19.27	149	869772	40.10	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.31	276	577022	41.75	ng		94
87) Benzo(b)fluoranthene	19.69	252	651203	48.12	ng	#	96
88) Benzo(k)fluoranthene	19.73	252	478760m	41.10	ng		
89) Benzo(a)pyrene	20.05	252	521007	44.51	ng		98
90) Dibenzo(a,h)anthracene	21.31	278	486276	48.71	ng		96
91) Benzo(g,h,i)perylene	21.67	276	486020	49.34	ng	#	90

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

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