Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089706.D
Acq On : 10 Aug 2016 20:41
Operator : UM/SJ
Sample : H4386-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMSD

Manual Integrations APPROVED
sohil
8/11/2016 5:52:05 PM

Quant Time: Aug 11 02:01:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 11 01:52:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	47919	20.00	ng		0.00
21) Naphthalene-d8	9.43	136	205393	20.00	ng		-0.01
38) Acenaphthene-d10	12.25	164	97097	20.00	ng		-0.01
63) Phenanthrene-d10	14.65	188	185561	20.00	ng		0.00
75) Chrysene-d12	18.37	240	149081	20.00	ng		0.00
86) Perylene-d12	20.02	264	117971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	330616	115.64	ng		0.01
7) Phenol-d6	6.96	99	457679	118.01	ng		-0.01
23) Nitrobenzene-d5	8.32	82	291623	78.53	ng		-0.01
41) 2,4,6-Tribromophenol	13.55	330	92227	115.10	ng		0.00
44) 2-Fluorobiphenyl	11.21	172	511732	68.49	ng		-0.01
78) Terphenyl-d14	17.02	244	453742	60.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	42283	25.80	ng	#	77
3) Pyridine	2.32	79	110940	36.84	ng		98
4) n-Nitrosodimethylamine	2.30	42	47881	37.84	ng		91
6) Aniline	6.90	93	112736	22.43	ng		96
8) 2-Chlorophenol	7.08	128	140535	40.04	ng		99
9) Benzaldehyde	6.72	77	34970	24.85	ng		96
10) Phenol	6.98	94	168630	42.35	ng		98
11) bis(2-Chloroethyl)ether	7.05	93	134774	39.40	ng		98
12) 1,3-Dichlorobenzene	7.30	146	133763	35.09	ng		98
13) 1,4-Dichlorobenzene	7.43	146	136347	35.86	ng		99
14) 1,2-Dichlorobenzene	7.66	146	139162	34.72	ng		100
15) Benzyl Alcohol	7.70	79	109611	43.10	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.91	45	158633	36.41	ng	#	54
17) 2-Methylphenol	7.93	107	111305	43.91	ng	#	88
18) Hexachloroethane	8.18	117	54203	33.83	ng		96
19) n-Nitroso-di-n-propylamine	8.14	70	107494	38.37	ng		96
20) 3+4-Methylphenols	8.18	107	134078	41.90	ng		99
22) Acetophenone	8.09	105	165702	33.84	ng		99
24) Nitrobenzene	8.35	77	142265	40.34	ng		91
25) Isophorone	8.74	82	282227	39.69	ng		100
26) 2-Nitrophenol	8.86	139	64503	39.85	ng		92
27) 2,4-Dimethylphenol	9.00	122	119755	41.15	ng		95
28) bis(2-Chloroethoxy)methane	9.13	93	171901	39.96	ng		99
29) 2,4-Dichlorophenol	9.28	162	108544	39.42	ng		98
30) 1,2,4-Trichlorobenzene	9.36	180	116538	37.06	ng		98
31) Naphthalene	9.46	128	399324	36.58	ng		99
33) 4-Chloroaniline	9.61	127	92371	22.53	ng		97
34) Hexachlorobutadiene	9.68	225	62321	34.41	ng		100
35) Caprolactam	10.22	113	34468	42.95	ng		92
36) 4-Chloro-3-methylphenol	10.48	107	128908	40.27	ng		94
37) 2-Methylnaphthalene	10.59	142	260665	38.83	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.87	216	101882	27.92	ng		99
40) Hexachlorocyclopentadiene	10.85	237	73024	60.33	ng		99
42) 2,4,6-Trichlorophenol	11.10	196	62410	34.67	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.18	196	75674	39.34	ng		96
45) 1,1'-Biphenyl	11.36	154	284681	32.51	ng		100
46) 2-Chloronaphthalene	11.37	162	244643	37.26	ng		99
47) 2-Nitroaniline	11.59	65	79553	37.59	ng		96
48) Acenaphthylene	12.02	152	403818	37.34	ng		100
49) Dimethylphthalate	11.92	163	396988	52.16	ng		99
50) 2,6-Dinitrotoluene	12.01	165	64032	42.32	ng		90
51) Acenaphthene	12.31	154	235837	37.76	ng		99
52) 3-Nitroaniline	12.27	138	56133	31.02	ng		99
54) Dibenzofuran	12.59	168	355309	41.38	ng		99
55) 4-Nitrophenol	12.70	139	31552	30.54	ng	#	69
56) 2,4-Dinitrotoluene	12.66	165	88658	41.66	ng	#	85
57) Fluorene	13.14	166	284708	38.79	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.83	232	50720	34.73	ng		98
59) Diethylphthalate	13.06	149	312945	39.76	ng		98
60) 4-Chlorophenyl-phenylether	13.18	204	130013	38.63	ng		97
61) 4-Nitroaniline	13.27	138	63295	38.90	ng		93
62) Azobenzene	13.44	77	343581	45.14	ng		99
64) 4,6-Dinitro-2-methylphenol	13.34	198	10888	13.87	ng		98
65) n-Nitrosodiphenylamine	13.39	169	246321	39.30	ng		99
66) 4-Bromophenyl-phenylether	13.97	248	72959	40.65	ng		98
67) Hexachlorobenzene	14.03	284	72693	36.82	ng	#	80
68) Atrazine	14.31	200	75520	43.16	ng		98
69) Pentachlorophenol	14.39	266	31211	39.14	ng		98
70) Phenanthrene	14.69	178	401243	39.77	ng		99
71) Anthracene	14.78	178	429974	39.75	ng		99
72) Carbazole	15.06	167	384296	42.62	ng		99
73) Di-n-butylphthalate	15.66	149	485473	39.81	ng		99
74) Fluoranthene	16.46	202	418799	40.38	ng		100
76) Benzidine	16.70	184	207107	45.83	ng		98
77) Pyrene	16.75	202	427871	32.46	ng		98
79) Butylbenzylphthalate	17.69	149	208565	37.18	ng		90
80) Benzo(a)anthracene	18.34	228	323988	37.82	ng		100
81) 3,3'-Dichlorobenzidine	18.33	252	74972	27.78	ng	#	96
82) Chrysene	18.39	228	341465	38.00	ng		100
83) Bis(2-ethylhexyl)phthalate	18.45	149	742752	95.64	ng		98
84) Di-n-octyl phthalate	19.21	149	483700	43.28	ng		99
85) Indeno(1,2,3-cd)pyrene	21.20	276	248895	36.48	ng		99
87) Benzo(b)fluoranthene	19.61	252	298356	41.12	ng	#	95
88) Benzo(k)fluoranthene	19.65	252	275083m	37.58	ng		
89) Benzo(a)pyrene	19.97	252	265091	39.02	ng		100
90) Dibenzo(a,h)anthracene	21.20	278	209293	32.98	ng		97
91) Benzo(g,h,i)perylene	21.53	276	202454	31.16	ng	#	94

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

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