Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
Data File : BF081230.D
Acq On : 27 Aug 2015 00:22
Operator : UM/IZ
Sample : G3385-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-6MSD

Manual Integrations APPROVED
MMDadoda
8/27/2015 2:32:48 PM

Quant Time: Aug 27 01:33:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 00:52:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	53081	20.00	ng		0.00
21) Naphthalene-d8	7.81	136	210260	20.00	ng		0.00
38) Acenaphthene-d10	9.54	164	91541	20.00	ng		-0.01
63) Phenanthrene-d10	11.02	188	191132	20.00	ng		0.00
75) Chrysene-d12	13.64	240	135903	20.00	ng		0.00
86) Perylene-d12	14.95	264	117806	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	414348	117.41	ng		0.02
7) Phenol-d6	6.18	99	571224	124.06	ng		0.01
23) Nitrobenzene-d5	7.09	82	402909	87.54	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	97815	123.27	ng		0.00
44) 2-Fluorobiphenyl	8.88	172	636030	91.04	ng		-0.01
78) Terphenyl-d14	12.59	244	548521	86.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	58235	35.02	ng	#	73
3) Pyridine	2.65	79	141702	30.19	ng	#	83
4) n-Nitrosodimethylamine	2.57	42	100020	38.27	ng	#	71
6) Aniline	6.18	93	68602	10.25	ng	#	1
8) 2-Chlorophenol	6.31	128	157088	40.67	ng	#	81
9) Benzaldehyde	6.06	77	32809	11.05	ng		96
10) Phenol	6.19	94	195071	35.87	ng	#	66
11) bis(2-Chloroethyl)ether	6.26	93	172823	41.42	ng		90
12) 1,3-Dichlorobenzene	6.46	146	163254	39.33	ng		96
13) 1,4-Dichlorobenzene	6.54	146	163104	39.69	ng		98
14) 1,2-Dichlorobenzene	6.69	146	149696	38.92	ng		95
15) Benzyl Alcohol	6.67	79	147198	39.51	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.81	45	327146	39.90	ng		89
17) 2-Methylphenol	6.80	107	135987	41.03	ng		97
18) Hexachloroethane	7.03	117	64354	38.75	ng		93
19) n-Nitroso-di-n-propylamine	6.95	70	131523	41.23	ng		92
20) 3+4-Methylphenols	6.96	107	174818	41.56	ng	#	43
22) Acetophenone	6.94	105	241978	43.84	ng	#	86
24) Nitrobenzene	7.11	77	209501	43.53	ng		99
25) Isophorone	7.35	82	348054	40.55	ng		99
26) 2-Nitrophenol	7.43	139	91010	45.47	ng	#	69
27) 2,4-Dimethylphenol	7.49	122	153444	43.34	ng		87
28) bis(2-Chloroethoxy)methane	7.58	93	229481	45.26	ng		98
29) 2,4-Dichlorophenol	7.67	162	125213	42.01	ng		88
30) 1,2,4-Trichlorobenzene	7.75	180	135202	40.81	ng		99
31) Naphthalene	7.83	128	475176	40.54	ng		99
32) Benzoic acid	7.61	122	65805	33.04	ng		93
33) 4-Chloroaniline	7.89	127	22403	4.53	ng	#	88
34) Hexachlorobutadiene	7.95	225	75789	40.45	ng		97
35) Caprolactam	8.26	113	44960m	43.15	ng		
36) 4-Chloro-3-methylphenol	8.39	107	167473	47.14	ng		94
37) 2-Methylnaphthalene	8.51	142	310473	41.94	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	129104	43.71	ng		98
40) Hexachlorocyclopentadiene	8.67	237	126080	82.48	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	93522	44.82	ng		97
43) 2,4,5-Trichlorophenol	8.85	196	86780	41.61	ng	#	89
45) 1,1'-Biphenyl	8.98	154	393449	48.80	ng		98
46) 2-Chloronaphthalene	8.99	162	273695	42.25	ng		92
47) 2-Nitroaniline	9.11	65	108451	40.91	ng	#	61
48) Acenaphthylene	9.41	152	456121	39.36	ng		99
49) Dimethylphthalate	9.29	163	335352	44.48	ng		99
50) 2,6-Dinitrotoluene	9.35	165	68025	42.03	ng	#	65
51) Acenaphthene	9.58	154	258464	37.26	ng		100
52) 3-Nitroaniline	9.51	138	30703	15.16	ng		99
53) 2,4-Dinitrophenol	9.62	184	47265	56.40	ng	#	71
54) Dibenzofuran	9.75	168	377554	40.61	ng		92
55) 4-Nitrophenol	9.69	139	100920	70.94	ng	#	85
56) 2,4-Dinitrotoluene	9.75	165	84587	39.43	ng	#	46
57) Fluorene	10.09	166	303684	42.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	71771m	44.47	ng		
59) Diethylphthalate	9.99	149	339247	42.51	ng		98
60) 4-Chlorophenyl-phenylether	10.09	204	145064	47.94	ng		93
61) 4-Nitroaniline	10.13	138	69801	33.72	ng		91
62) Azobenzene	10.25	77	441544	48.02	ng		93
64) 4,6-Dinitro-2-methylphenol	10.16	198	37975	33.27	ng	#	41
65) n-Nitrosodiphenylamine	10.22	169	305405	44.76	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	77270	41.15	ng	#	70
67) Hexachlorobenzene	10.63	284	80621	42.40	ng	#	72
68) Atrazine	10.75	200	90024	47.36	ng		93
69) Pentachlorophenol	10.83	266	94968	83.24	ng		98
70) Phenanthrene	11.04	178	445884	39.36	ng		99
71) Anthracene	11.10	178	463346	42.04	ng		97
72) Carbazole	11.26	167	471434	44.42	ng		98
73) Di-n-butylphthalate	11.60	149	552387	43.02	ng		99
74) Fluoranthene	12.22	202	549779	44.98	ng		96
76) Benzidine	12.34	184	107404	20.92	ng		99
77) Pyrene	12.43	202	487332	44.11	ng		100
79) Butylbenzylphthalate	13.07	149	221953	46.74	ng	#	64
80) Benzo(a)anthracene	13.62	228	441637	48.46	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	44383	15.03	ng		100
82) Chrysene	13.66	228	420400	51.18	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	318360	52.34	ng		99
84) Di-n-octyl phthalate	14.25	149	540086	58.42	ng		97
85) Indeno(1,2,3-cd)pyrene	16.12	276	308419	53.48	ng	#	94
87) Benzo(b)fluoranthene	14.61	252	482636m	57.92	ng		
88) Benzo(k)fluoranthene	14.64	252	232706m	29.97	ng		
89) Benzo(a)pyrene	14.90	252	320362	44.12	ng	#	95
90) Dibenzo(a,h)anthracene	16.13	278	257603	45.53	ng	#	93
91) Benzo(g,h,i)perylene	16.47	276	258130	44.97	ng		97

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

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