Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098590.D
Acq On : 16 Sep 2017 1:15
Operator : SJ/JU
Sample : I5205-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMS

Manual Integrations APPROVED
Sohil
9/18/2017 3:35:08 PM

Quant Time: Sep 18 10:48:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	117207	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	527673	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	231937	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	376542	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	224011	20.00	ng		-0.01
86) Perylene-d12	15.21	264	236268	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	908456	114.60	ng		-0.01
7) Phenol-d6	6.31	99	1112236	110.51	ng		-0.01
23) Nitrobenzene-d5	7.22	82	695235	73.45	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	201470	130.15	ng		-0.02
44) 2-Fluorobiphenyl	9.01	172	1066225	77.92	ng		-0.02
78) Terphenyl-d14	12.75	244	583109	56.19	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	118879	29.055	ng		89
3) Pyridine	3.00	79	149899	13.795	ng	#	80
4) n-Nitrosodimethylamine	2.95	42	165162	31.004	ng		89
6) Aniline	6.31	93	247036	19.564	ng	#	47
8) 2-Chlorophenol	6.44	128	327195	37.535	ng		97
9) Benzaldehyde	6.19	77	180787	27.477	ng		92
10) Phenol	6.32	94	443856	37.966	ng		87
11) bis(2-Chloroethyl)ether	6.39	93	317427	36.012	ng		93
12) 1,3-Dichlorobenzene	6.59	146	324662	37.003	ng		99
13) 1,4-Dichlorobenzene	6.66	146	350634	39.015	ng		96
14) 1,2-Dichlorobenzene	6.82	146	310219	37.888	ng		99
15) Benzyl Alcohol	6.80	79	280127	41.819	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.93	45	472141	32.555	ng	#	17
17) 2-Methylphenol	6.93	107	269500	37.914	ng	#	84
18) Hexachloroethane	7.15	117	111266	32.328	ng	#	87
19) n-Nitroso-di-n-propylamine	7.07	70	251772	39.768	ng		98
20) 3+4-Methylphenols	7.08	107	367828	41.006	ng	#	61
22) Acetophenone	7.06	105	476227	34.919	ng	#	91
24) Nitrobenzene	7.24	77	350760	32.534	ng		94
25) Isophorone	7.48	82	634579	33.137	ng		96
26) 2-Nitrophenol	7.55	139	177224	40.713	ng	#	80
27) 2,4-Dimethylphenol	7.60	122	306021	36.878	ng		95
28) bis(2-Chloroethoxy)methane	7.69	93	418864	35.845	ng		99
29) 2,4-Dichlorophenol	7.80	162	294637	42.692	ng		96
30) 1,2,4-Trichlorobenzene	7.87	180	307558	40.967	ng		100
31) Naphthalene	7.95	128	1026628	39.356	ng		100
32) Benzoic acid	7.75	122	116368	25.403	ng		99
33) 4-Chloroaniline	8.02	127	302546	28.538	ng		98
34) Hexachlorobutadiene	8.07	225	156337	40.564	ng		97
35) Caprolactam	8.48	113	76608m	32.190	ng		
36) 4-Chloro-3-methylphenol	8.51	107	321086	37.514	ng		87
37) 2-Methylnaphthalene	8.65	142	659455	41.735	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	281618	38.980	ng		97
40) Hexachlorocyclopentadiene	8.79	237	19702	17.999	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	184423	43.459	ng		91
43) 2,4,5-Trichlorophenol	8.98	196	189633	42.753	ng		94
45) 1,1'-Biphenyl	9.11	154	780831	37.613	ng		98
46) 2-Chloronaphthalene	9.13	162	588059	39.664	ng		94
47) 2-Nitroaniline	9.24	65	219405	38.556	ng		97
48) Acenaphthylene	9.55	152	840777	38.140	ng		99
49) Dimethylphthalate	9.42	163	882038	49.128	ng		100
50) 2,6-Dinitrotoluene	9.49	165	152374	41.317	ng		95
51) Acenaphthene	9.72	154	533258	38.055	ng		98
52) 3-Nitroaniline	9.65	138	147023	33.025	ng		98
53) 2,4-Dinitrophenol	9.77	184	23203	20.417	ng		91
54) Dibenzofuran	9.89	168	751482	40.708	ng		99
55) 4-Nitrophenol	9.84	139	173140	67.694	ng	#	46
56) 2,4-Dinitrotoluene	9.89	165	185780	41.436	ng	#	63
57) Fluorene	10.23	166	581813	38.078	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	133387	44.747	ng		97
59) Diethylphthalate	10.12	149	664413	38.912	ng		98
60) 4-Chlorophenyl-phenylether	10.22	204	287051	40.673	ng		91
61) 4-Nitroaniline	10.27	138	135872	30.222	ng		87
62) Azobenzene	10.39	77	623141	33.861	ng		95
64) 4,6-Dinitro-2-methylphenol	10.30	198	25141	14.724	ng	#	81
65) n-Nitrosodiphenylamine	10.35	169	545078	44.582	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	151614	42.425	ng		92
67) Hexachlorobenzene	10.78	284	143789	39.666	ng	#	89
68) Atrazine	10.89	200	150922	40.096	ng		98
69) Pentachlorophenol	10.99	266	116814	73.423	ng		97
70) Phenanthrene	11.19	178	823974	41.278	ng		98
71) Anthracene	11.25	178	805693	39.312	ng		98
72) Carbazole	11.40	167	712913	37.325	ng		99
73) Di-n-butylphthalate	11.73	149	895758	39.142	ng		99
74) Fluoranthene	12.38	202	683661	34.212	ng		96
76) Benzidine	12.51	184	6941	0.700	ng	#	78
77) Pyrene	12.60	202	687317	38.894	ng		99
79) Butylbenzylphthalate	13.23	149	294851	38.461	ng	#	82
80) Benzo(a)anthracene	13.80	228	544344	41.447	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	127136	24.909	ng	#	94
82) Chrysene	13.83	228	528954	39.844	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	397583	41.323	ng	#	99
84) Di-n-octyl phthalate	14.40	149	701347	42.486	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	507091	54.444	ng		94
87) Benzo(b)fluoranthene	14.82	252	553261	37.242	ng		98
88) Benzo(k)fluoranthene	14.84	252	493368	35.574	ng	#	95
89) Benzo(a)pyrene	15.15	252	518445	39.172	ng		99
90) Dibenzo(a,h)anthracene	16.57	278	426070	44.255	ng		98
91) Benzo(g,h,i)perylene	16.97	276	401083	41.419	ng		93

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

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