Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098591.D
Acq On : 16 Sep 2017 1:43
Operator : SJ/JU
Sample : I5205-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-INSIDEMSD

Manual Integrations APPROVED
Sohil
9/18/2017 3:35:10 PM

Quant Time: Sep 18 10:48:50 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	130440	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	536422	20.00	ng		-0.02
38) Acenaphthene-d10	9.69	164	214391	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	351941	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	246838	20.00	ng		-0.01
86) Perylene-d12	15.20	264	250137	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	910400	103.19	ng		-0.01
7) Phenol-d6	6.31	99	1236709	110.41	ng		-0.01
23) Nitrobenzene-d5	7.22	82	765712	79.58	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	185416	129.58	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	984288	77.82	ng		-0.02
78) Terphenyl-d14	12.75	244	647632	56.63	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	122114	26.818	ng	#	86
3) Pyridine	3.01	79	148044	12.243	ng	#	74
4) n-Nitrosodimethylamine	2.95	42	163551	27.587	ng		89
6) Aniline	6.31	93	285615	20.325	ng	#	47
8) 2-Chlorophenol	6.44	128	368917	38.028	ng		98
9) Benzaldehyde	6.19	77	198463	27.104	ng		93
10) Phenol	6.32	94	504464	38.773	ng		93
11) bis(2-Chloroethyl)ether	6.39	93	364453	37.153	ng		99
12) 1,3-Dichlorobenzene	6.59	146	364877	37.368	ng		98
13) 1,4-Dichlorobenzene	6.66	146	394994	39.492	ng		95
14) 1,2-Dichlorobenzene	6.82	146	345078	37.870	ng		97
15) Benzyl Alcohol	6.80	79	305658	41.001	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.93	45	507732	31.458	ng	#	15
17) 2-Methylphenol	6.93	107	299209	37.824	ng	#	86
18) Hexachloroethane	7.15	117	123108	32.140	ng		87
19) n-Nitroso-di-n-propylamine	7.07	70	276775	39.282	ng		98
20) 3+4-Methylphenols	7.08	107	410794	41.150	ng	#	63
22) Acetophenone	7.06	105	525827	37.927	ng	#	90
24) Nitrobenzene	7.24	77	394644	36.007	ng		96
25) Isophorone	7.47	82	689498	35.417	ng		99
26) 2-Nitrophenol	7.55	139	188214	42.532	ng	#	80
27) 2,4-Dimethylphenol	7.60	122	319565	37.882	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	436397	36.737	ng		99
29) 2,4-Dichlorophenol	7.80	162	298803	42.589	ng		96
30) 1,2,4-Trichlorobenzene	7.87	180	310708	40.712	ng		100
31) Naphthalene	7.95	128	1041290	39.267	ng		99
32) Benzoic acid	7.75	122	120089	25.667	ng		94
33) 4-Chloroaniline	8.02	127	313951	29.131	ng		99
34) Hexachlorobutadiene	8.07	225	162967	41.595	ng		99
35) Caprolactam	8.48	113	79772m	32.973	ng		
36) 4-Chloro-3-methylphenol	8.51	107	330419	37.975	ng		86
37) 2-Methylnaphthalene	8.65	142	656959	40.899	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	248127	37.155	ng		99
40) Hexachlorocyclopentadiene	8.79	237	18447	18.104	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	168466	42.948	ng		90
43) 2,4,5-Trichlorophenol	8.98	196	172184	41.996	ng		94
45) 1,1'-Biphenyl	9.11	154	708157	36.904	ng		98
46) 2-Chloronaphthalene	9.13	162	534269	38.985	ng	#	92
47) 2-Nitroaniline	9.24	65	204254	38.831	ng		93
48) Acenaphthylene	9.55	152	778318	38.197	ng		99
49) Dimethylphthalate	9.42	163	810352	48.829	ng		100
50) 2,6-Dinitrotoluene	9.49	165	140669	41.265	ng	#	88
51) Acenaphthene	9.72	154	488519	37.716	ng		99
52) 3-Nitroaniline	9.65	138	135636	32.961	ng		97
53) 2,4-Dinitrophenol	9.77	184	21560	20.479	ng	#	84
54) Dibenzofuran	9.89	168	704588	41.291	ng		98
55) 4-Nitrophenol	9.84	139	158581	67.076	ng	#	37
56) 2,4-Dinitrotoluene	9.89	165	173951	41.973	ng	#	58
57) Fluorene	10.23	166	533487	37.772	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	125542	45.562	ng		98
59) Diethylphthalate	10.12	149	633361	40.129	ng		98
60) 4-Chlorophenyl-phenylether	10.22	204	257685	39.500	ng		95
61) 4-Nitroaniline	10.27	138	122595	29.500	ng		84
62) Azobenzene	10.39	77	571173	33.577	ng		95
64) 4,6-Dinitro-2-methylphenol	10.30	198	24045	14.951	ng		83
65) n-Nitrosodiphenylamine	10.35	169	494344	43.258	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	144155	43.157	ng		94
67) Hexachlorobenzene	10.78	284	134115	39.584	ng	#	81
68) Atrazine	10.89	200	143021	40.653	ng		96
69) Pentachlorophenol	10.99	266	109548	73.645	ng		95
70) Phenanthrene	11.19	178	773704	41.469	ng		98
71) Anthracene	11.25	178	763744	39.871	ng		99
72) Carbazole	11.40	167	700317	39.229	ng		99
73) Di-n-butylphthalate	11.73	149	823932	38.520	ng		100
74) Fluoranthene	12.38	202	712634	38.155	ng		96
76) Benzidine	12.51	184	10835	0.992	ng	#	87
77) Pyrene	12.60	202	768874	39.486	ng		99
79) Butylbenzylphthalate	13.23	149	320551	37.946	ng	#	83
80) Benzo(a)anthracene	13.80	228	592132	40.917	ng		98
81) 3,3'-Dichlorobenzidine	13.76	252	144914	25.767	ng	#	96
82) Chrysene	13.83	228	588049	40.199	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	435621	41.089	ng	#	98
84) Di-n-octyl phthalate	14.40	149	742485	40.819	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	488420	47.590	ng		94
87) Benzo(b)fluoranthene	14.82	252	616022	39.167	ng		99
88) Benzo(k)fluoranthene	14.84	252	533434	36.330	ng	#	95
89) Benzo(a)pyrene	15.15	252	551477	39.358	ng		100
90) Dibenzo(a,h)anthracene	16.57	278	407158	39.946	ng		96
91) Benzo(g,h,i)perylene	16.97	276	387116	37.760	ng	#	92

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

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