Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100727.D
Acq On : 20 Nov 2017 13:49
Operator : SJ/JU
Sample : IDOC-SOIL-01
Misc : For Mohd. Jabed
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-01

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:06 PM

Quant Time: Nov 21 03:35:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	93759	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	373226	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	175781	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	328026	20.00	ng		0.00
75) Chrysene-d12	14.03	240	179411	20.00	ng		-0.01
86) Perylene-d12	15.50	264	197632	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	619713	105.95	ng		0.01
7) Phenol-d6	6.50	99	753917	104.53	ng		0.00
23) Nitrobenzene-d5	7.44	82	470500	83.34	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	207400	115.79	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	976348	84.58	ng		0.00
78) Terphenyl-d14	12.98	244	776671	99.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	78875	27.671	ng		96
3) Pyridine	3.50	79	226488	29.124	ng		97
4) n-Nitrosodimethylamine	3.46	42	108823	28.822	ng		99
6) Aniline	6.53	93	125239	12.291	ng		98
8) 2-Chlorophenol	6.66	128	230682	37.281	ng		99
9) Benzaldehyde	6.42	77	95860	18.611	ng		97
10) Phenol	6.52	94	265626	35.081	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	205909	32.376	ng		98
12) 1,3-Dichlorobenzene	6.82	146	257900	36.151	ng		96
13) 1,4-Dichlorobenzene	6.89	146	261237	36.180	ng		97
14) 1,2-Dichlorobenzene	7.05	146	246524	36.927	ng		97
15) Benzyl Alcohol	7.01	79	195301	34.695	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	365971	35.978	ng		98
17) 2-Methylphenol	7.12	107	194746	36.830	ng		98
18) Hexachloroethane	7.38	117	88532	37.188	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	154240	30.836	ng		98
20) 3+4-Methylphenols	7.27	107	239313	35.765	ng	#	80
22) Acetophenone	7.28	105	308734	33.923	ng	#	95
24) Nitrobenzene	7.46	77	229976	39.580	ng		93
25) Isophorone	7.69	82	427070	36.000	ng		100
26) 2-Nitrophenol	7.77	139	128684	47.322	ng		94
27) 2,4-Dimethylphenol	7.80	122	213444	40.137	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	271435	34.980	ng		98
29) 2,4-Dichlorophenol	8.01	162	202787	39.944	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	214093	38.986	ng		96
31) Naphthalene	8.17	128	664406	36.960	ng		100
32) Benzoic acid	7.89	122	52595m	19.765	ng		
33) 4-Chloroaniline	8.22	127	68096	9.100	ng		95
34) Hexachlorobutadiene	8.29	225	122306	37.458	ng		98
35) Caprolactam	8.60	113	56579m	32.475	ng		
36) 4-Chloro-3-methylphenol	8.70	107	203471	37.317	ng		97
37) 2-Methylnaphthalene	8.87	142	458121	38.386	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	217211	37.259	ng	#	97
40) Hexachlorocyclopentadiene	9.02	237	196642	71.668	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	152539	41.284	ng		97
43) 2,4,5-Trichlorophenol	9.19	196	154481	40.354	ng	#	91
45) 1,1'-Biphenyl	9.33	154	547834	36.034	ng		97
46) 2-Chloronaphthalene	9.36	162	428969	38.893	ng		97
47) 2-Nitroaniline	9.45	65	124211	38.687	ng		97
48) Acenaphthylene	9.77	152	654816	35.825	ng		100
49) Dimethylphthalate	9.63	163	488660	36.410	ng		99
50) 2,6-Dinitrotoluene	9.69	165	110660	41.654	ng		95
51) Acenaphthene	9.95	154	399464	35.934	ng		99
52) 3-Nitroaniline	9.86	138	61305	19.542	ng		89
53) 2,4-Dinitrophenol	9.97	184	35255	41.504	ng	#	12
54) Dibenzofuran	10.12	168	570626	36.624	ng		99
55) 4-Nitrophenol	10.02	139	162067	63.624	ng		94
56) 2,4-Dinitrotoluene	10.10	165	144312	43.060	ng	#	91
57) Fluorene	10.46	166	443467	38.854	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	123115	39.241	ng	#	85
59) Diethylphthalate	10.33	149	473371	35.245	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	212294	37.915	ng		92
61) 4-Nitroaniline	10.48	138	105059	35.318	ng		86
62) Azobenzene	10.61	77	421277	33.303	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	39175	28.000	ng		86
65) n-Nitrosodiphenylamine	10.57	169	414777	36.366	ng		93
66) 4-Bromophenyl-phenylether	10.94	248	141289	40.180	ng	#	86
67) Hexachlorobenzene	11.01	284	145035	39.436	ng	#	82
68) Atrazine	11.09	200	131470	38.079	ng		98
69) Pentachlorophenol	11.20	266	122605	46.492	ng		99
70) Phenanthrene	11.42	178	645866	37.396	ng		99
71) Anthracene	11.47	178	673609	38.443	ng		99
72) Carbazole	11.63	167	560347	34.658	ng		98
73) Di-n-butylphthalate	11.95	149	713439	37.707	ng		98
74) Fluoranthene	12.61	202	620254	33.886	ng		96
76) Benzidine	12.73	184	120471	16.767	ng		98
77) Pyrene	12.84	202	612388	47.884	ng		99
79) Butylbenzylphthalate	13.45	149	232030	44.488	ng	#	88
80) Benzo(a)anthracene	14.02	228	425559	39.389	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	92204	23.819	ng	#	96
82) Chrysene	14.06	228	401451	38.371	ng		97
83) Bis(2-ethylhexyl)phthalate	14.00	149	289495	42.202	ng		100
84) Di-n-octyl phthalate	14.62	149	432257	36.680	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	513259	60.652	ng		95
87) Benzo(b)fluoranthene	15.07	252	402265	34.356	ng		99
88) Benzo(k)fluoranthene	15.10	252	409436	37.009	ng		98
89) Benzo(a)pyrene	15.44	252	410590	39.555	ng		99
90) Dibenzo(a,h)anthracene	17.01	278	422594	49.781	ng		97
91) Benzo(g,h,i)perylene	17.44	276	442025	53.193	ng	#	94

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

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