Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
Data File : BF115977.D
Acq On : 3 Aug 2019 13:16
Operator : HP/JU
Sample : IDOC BS-SOIL03-RC
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Manual Integrations APPROVED
mohammad
8/8/2019 4:45:24 PM

Quant Time: Aug 05 01:53:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	141804	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	592206	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	331143	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	577762	20.00	ng		0.00
76) Chrysene-d12	14.03	240	418407	20.00	ng		0.00
87) Perylene-d12	15.50	264	401524	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1024517	120.95	ng		0.02
7) Phenol-d6	6.49	99	1302373	121.86	ng		0.00
23) Nitrobenzene-d5	7.42	82	869517	84.75	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	389261	121.25	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1506387	85.21	ng		0.00
79) Terphenyl-d14	12.97	244	1697725	85.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	181267	42.359	ng		98
3) Pyridine	3.46	79	464381	38.848	ng		96
4) n-Nitrosodimethylamine	3.41	42	207258	43.935	ng		98
6) Aniline	6.52	93	536466	35.051	ng		95
8) 2-Chlorophenol	6.65	128	450168	48.060	ng		98
9) Benzaldehyde	6.40	77	253352	34.357	ng		99
10) Phenol	6.51	94	568251	45.152	ng		78
11) bis(2-Chloroethyl)ether	6.59	93	429767	46.447	ng		99
12) 1,3-Dichlorobenzene	6.79	146	478764	44.227	ng		97
13) 1,4-Dichlorobenzene	6.87	146	486069	44.845	ng		99
14) 1,2-Dichlorobenzene	7.02	146	449956	45.084	ng		98
15) Benzyl Alcohol	7.00	79	385309	47.507	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	571111	45.251	ng		95
17) 2-Methylphenol	7.11	107	382350	48.207	ng		97
18) Hexachloroethane	7.36	117	181167	45.398	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	311724	47.070	ng		98
20) 3+4-Methylphenols	7.26	107	454435	48.417	ng	#	88
22) Acetophenone	7.26	105	605519	46.622	ng		97
24) Nitrobenzene	7.43	77	512771	46.288	ng		99
25) Isophorone	7.67	82	928276	47.319	ng		100
26) 2-Nitrophenol	7.75	139	254087	48.658	ng		99
27) 2,4-Dimethylphenol	7.79	122	413520	52.636	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	559032	45.976	ng		99
29) 2,4-Dichlorophenol	8.00	162	403869	48.688	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	420340	44.454	ng		98
31) Naphthalene	8.16	128	1296205	46.512	ng		99
32) Benzoic acid	7.95	122	252661	45.616	ng		99
33) 4-Chloroaniline	8.20	127	325640	26.152	ng		99
34) Hexachlorobutadiene	8.27	225	240285	44.118	ng		99
35) Caprolactam	8.59	113	124372m	46.358	ng		
36) 4-Chloro-3-methylphenol	8.70	107	433374	50.220	ng		98
37) 2-Methylnaphthalene	8.85	142	888183	48.393	ng		99
38) 1-Methylnaphthalene	8.95	142	830746	47.846	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	399358	45.111	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	295322	74.730	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	267545	43.907	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	289350	45.937	ng	98
46) 1,1'-Biphenyl	9.32	154	1072373	45.870	ng	100
47) 2-Chloronaphthalene	9.35	162	848573	43.611	ng	99
48) 2-Nitroaniline	9.44	65	274337	42.655	ng	90
49) Acenaphthylene	9.76	152	1301391	45.844	ng	99
50) Dimethylphthalate	9.62	163	1028341	45.609	ng	99
51) 2,6-Dinitrotoluene	9.69	165	229261	46.789	ng	96
52) Acenaphthene	9.93	154	771082	44.276	ng	100
53) 3-Nitroaniline	9.85	138	177256	29.277	ng	92
54) 2,4-Dinitrophenol	9.97	184	196633	79.008	ng	97
55) Dibenzofuran	10.10	168	1135157	44.822	ng	96
56) 4-Nitrophenol	10.03	139	338185	87.196	ng	98
57) 2,4-Dinitrotoluene	10.09	165	295311	45.267	ng	91
58) Fluorene	10.45	166	894594	45.911	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	252333	47.616	ng	97
60) Diethylphthalate	10.32	149	968193	45.994	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	448782	45.477	ng	98
62) 4-Nitroaniline	10.47	138	258757	41.355	ng	99
63) Azobenzene	10.60	77	1005148	46.423	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	147233	48.088	ng	96
66) n-Nitrosodiphenylamine	10.56	169	812803	46.740	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	284786	46.045	ng	92
68) Hexachlorobenzene	11.00	284	311520	43.558	ng	95
69) Atrazine	11.09	200	266720	46.621	ng	99
70) Pentachlorophenol	11.20	266	303335	87.360	ng	98
71) Phenanthrene	11.41	178	1324524	44.844	ng	100
72) Anthracene	11.46	178	1388943	46.465	ng	99
73) Carbazole	11.62	167	1234850	45.534	ng	100
74) Di-n-butylphthalate	11.94	149	1508314	47.677	ng	100
75) Fluoranthene	12.60	202	1401295	45.318	ng	98
77) Benzidine	12.72	184	708979	50.156	ng	97
78) Pyrene	12.83	202	1409091	44.676	ng	100
80) Butylbenzylphthalate	13.44	149	642578	48.163	ng	98
81) Benzo(a)anthracene	14.02	228	1208266	45.181	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	314336	33.832	ng	99
83) Chrysene	14.06	228	1153778	44.439	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	880846	50.806	ng	100
85) Di-n-octyl phthalate	14.61	149	1423576	51.695	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	979427	44.914	ng	99
88) Benzo(b)fluoranthene	15.07	252	1112300	47.910	ng	98
89) Benzo(k)fluoranthene	15.10	252	1019651	45.091	ng	99
90) Benzo(a)pyrene	15.44	252	995122	47.949	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	826826	46.025	ng	100
92) Benzo(g,h,i)perylene	17.43	276	796633	45.153	ng	97

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

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