Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
Data File : BF115975.D
Acq On : 3 Aug 2019 12:23
Operator : HP/JU
Sample : IDOC BS-SOIL01-RC
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL01-RC

Manual Integrations APPROVED
mohammad
8/8/2019 4:45:19 PM

Quant Time: Aug 05 01:48:08 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	140201	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	571706	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	320346	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	562185	20.00	ng	0.00
76) Chrysene-d12	14.03	240	408330	20.00	ng	0.00
87) Perylene-d12	15.50	264	363215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	977711	116.74	ng	0.02
7) Phenol-d6	6.49	99	1246470	117.97	ng	0.00
23) Nitrobenzene-d5	7.42	82	827667	83.57	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	369302	118.91	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1445058	84.49	ng	0.00
79) Terphenyl-d14	12.97	244	1651582	85.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.71	88	174479	41.239	ng	99
3) Pyridine	3.45	79	452118	38.254	ng	100
4) n-Nitrosodimethylamine	3.40	42	197108	42.261	ng	99
6) Aniline	6.52	93	515115	34.041	ng	96
8) 2-Chlorophenol	6.65	128	430835	46.522	ng	97
9) Benzaldehyde	6.40	77	235317	32.276	ng	97
10) Phenol	6.50	94	544271	43.741	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	414843	45.347	ng	99
12) 1,3-Dichlorobenzene	6.79	146	460552	43.031	ng	98
13) 1,4-Dichlorobenzene	6.87	146	470373	43.893	ng	99
14) 1,2-Dichlorobenzene	7.02	146	432139	43.794	ng	98
15) Benzyl Alcohol	7.00	79	366863	45.750	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	551649	44.209	ng	96
17) 2-Methylphenol	7.11	107	358416	45.706	ng	97
18) Hexachloroethane	7.36	117	172481	43.716	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	295945	45.198	ng	99
20) 3+4-Methylphenols	7.26	107	432805	46.640	ng	90
22) Acetophenone	7.26	105	583596	46.545	ng	97
24) Nitrobenzene	7.43	77	482740	45.140	ng	99
25) Isophorone	7.67	82	877895	46.355	ng	100
26) 2-Nitrophenol	7.75	139	238226	47.257	ng	100
27) 2,4-Dimethylphenol	7.79	122	393128	51.835	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	538060	45.838	ng	100
29) 2,4-Dichlorophenol	8.00	162	378442	47.258	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	408270	44.726	ng	98
31) Naphthalene	8.16	128	1239548	46.074	ng	100
32) Benzoic acid	7.95	122	228444	42.723	ng	96
33) 4-Chloroaniline	8.20	127	351955	29.279	ng	99
34) Hexachlorobutadiene	8.27	225	225394	42.868	ng	99
35) Caprolactam	8.59	113	118149m	45.618	ng	
36) 4-Chloro-3-methylphenol	8.70	107	403118	48.389	ng	99
37) 2-Methylnaphthalene	8.85	142	841861	47.514	ng	99
38) 1-Methylnaphthalene	8.95	142	782042	46.656	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	380252	44.400	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	247553	65.544	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	255574	43.356	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	274197	44.998	ng		97
46) 1,1'-Biphenyl	9.32	154	1020713	45.132	ng		99
47) 2-Chloronaphthalene	9.35	162	805231	42.778	ng		99
48) 2-Nitroaniline	9.44	65	263961	42.425	ng		91
49) Acenaphthylene	9.76	152	1241607	45.212	ng		100
50) Dimethylphthalate	9.62	163	983426	45.087	ng		99
51) 2,6-Dinitrotoluene	9.68	165	218416	46.078	ng	#	86
52) Acenaphthene	9.93	154	731955	43.446	ng		99
53) 3-Nitroaniline	9.85	138	179715	30.684	ng		91
54) 2,4-Dinitrophenol	9.97	184	180896	75.518	ng		98
55) Dibenzofuran	10.10	168	1104127	45.066	ng		98
56) 4-Nitrophenol	10.03	139	326427	87.001	ng		99
57) 2,4-Dinitrotoluene	10.09	165	282779	44.807	ng		92
58) Fluorene	10.45	166	857901	45.512	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	229414	44.750	ng		98
60) Diethylphthalate	10.32	149	923853	45.366	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	429631	45.003	ng		98
62) 4-Nitroaniline	10.47	138	245522	40.563	ng		99
63) Azobenzene	10.60	77	957693	45.722	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	136466	45.806	ng		93
66) n-Nitrosodiphenylamine	10.56	169	771130	45.572	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	270728	44.985	ng		91
68) Hexachlorobenzene	11.00	284	298700	42.922	ng		95
69) Atrazine	11.09	200	251969	45.263	ng		99
70) Pentachlorophenol	11.20	266	290031	85.843	ng		99
71) Phenanthrene	11.41	178	1270437	44.204	ng		99
72) Anthracene	11.46	178	1315553	45.229	ng		98
73) Carbazole	11.62	167	1187049	44.984	ng		100
74) Di-n-butylphthalate	11.94	149	1439442	46.760	ng		99
75) Fluoranthene	12.60	202	1347345	44.780	ng		97
77) Benzidine	12.72	184	634181	45.971	ng		97
78) Pyrene	12.83	202	1356374	44.066	ng		99
80) Butylbenzylphthalate	13.44	149	616470	47.347	ng		98
81) Benzo(a)anthracene	14.02	228	1159488	44.427	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	335752	37.029	ng		99
83) Chrysene	14.06	228	1107003	43.689	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	849329	50.197	ng		100
85) Di-n-octyl phthalate	14.61	149	1367896	50.899	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	942546	44.290	ng		99
88) Benzo(b)fluoranthene	15.07	252	1086567	51.737	ng		97
89) Benzo(k)fluoranthene	15.10	252	959470	46.905	ng		97
90) Benzo(a)pyrene	15.44	252	959022	51.083	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	789454	48.580	ng		98
92) Benzo(g,h,i)perylene	17.43	276	765461	47.962	ng		99

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

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