Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121964.D
Acq On : 14 Oct 2020 18:35
Operator : JU/CG
Sample : L4383-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BB-SOILMS

Manual Integrations APPROVED
mohammad
10/15/2020 10:47:22 AM

Quant Time: Oct 15 01:22:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	120284	20.00	ng		0.00
21) Naphthalene-d8	8.028	136	475843	20.00	ng		0.00
39) Acenaphthene-d10	9.780	164	243768	20.00	ng		0.00
64) Phenanthrene-d10	11.263	188	446402	20.00	ng		-0.01
76) Chrysene-d12	13.910	240	325272	20.00	ng		0.00
86) Perylene-d12	15.339	264	247381	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	659345	80.90	ng		0.00
7) Phenol-d6	6.392	99	829363	79.05	ng		0.00
23) Nitrobenzene-d5	7.310	82	569729	61.40	ng		-0.01
42) 2,4,6-Tribromophenol	10.575	330	233057	77.29	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	997579	60.21	ng		0.00
79) Terphenyl-d14	12.845	244	1041821	61.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.493	88	139559	38.93	ng		100
3) Pyridine	3.216	79	408906	43.39	ng		98
4) n-Nitrosodimethylamine	3.181	42	196648	43.17	ng		98
6) Aniline	6.410	93	254688	19.71	ng	#	11
8) 2-Chlorophenol	6.534	128	365413	44.36	ng		95
9) Benzaldehyde	6.292	77	190096	30.25	ng		99
10) Phenol	6.404	94	455516	42.07	ng		99
11) bis(2-Chloroethyl)ether	6.481	93	354309	42.33	ng		99
12) 1,3-Dichlorobenzene	6.681	146	389404	42.03	ng		98
13) 1,4-Dichlorobenzene	6.763	146	391517	42.09	ng		98
14) 1,2-Dichlorobenzene	6.910	146	368506	43.33	ng		97
15) Benzyl Alcohol	6.898	79	312558	46.06	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	535493	41.57	ng		70
17) 2-Methylphenol	7.016	107	291965	41.46	ng	#	90
18) Hexachloroethane	7.251	117	143546	42.72	ng		97
19) n-Nitroso-di-n-propyla...	7.163	70	259327	43.41	ng		99
20) 3+4-Methylphenols	7.169	107	368203	43.36	ng	#	70
22) Acetophenone	7.157	105	487357	39.81	ng		92
24) Nitrobenzene	7.334	77	397337	40.06	ng		97
25) Isophorone	7.575	82	704238	40.14	ng		98
26) 2-Nitrophenol	7.651	139	188223	41.21	ng		99
27) 2,4-Dimethylphenol	7.692	122	313731	40.30	ng		99
28) bis(2-Chloroethoxy)met...	7.781	93	443870	40.44	ng		100
29) 2,4-Dichlorophenol	7.892	162	296867	40.72	ng		99
30) 1,2,4-Trichlorobenzene	7.969	180	308124	39.75	ng		99
31) Naphthalene	8.051	128	1010484	39.64	ng		99
32) Benzoic acid	7.816	122	44351	16.06	ng		97
33) 4-Chloroaniline	8.104	127	128024	11.79	ng		98
34) Hexachlorobutadiene	8.163	225	186261	40.52	ng		100
35) Caprolactam	8.486	113	88230m	38.11	ng		
36) 4-Chloro-3-methylphenol	8.604	107	319126	40.75	ng		97
37) 2-Methylnaphthalene	8.739	142	658834	39.91	ng		99
38) 1-Methylnaphthalene	8.839	142	609929	39.89	ng		98
40) 1,2,4,5-Tetrachloroben...	8.910	216	311494	39.59	ng		100
41) Hexachlorocyclopentadiene	8.892	237	164916	70.23	ng		99
43) 2,4,6-Trichlorophenol	9.028	196	194868	40.14	ng		99

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44) 2,4,5-Trichlorophenol	9.075	196	206540	39.40	ng		97
46) 1,1'-Biphenyl	9.204	154	787591	39.74	ng		99
47) 2-Chloronaphthalene	9.228	162	614482	39.87	ng		99
48) 2-Nitroaniline	9.333	65	213482	41.99	ng		99
49) Acenaphthylene	9.645	152	933164	39.42	ng		100
50) Dimethylphthalate	9.510	163	810485	45.47	ng		99
51) 2,6-Dinitrotoluene	9.575	165	161431	41.29	ng		98
52) Acenaphthene	9.816	154	557448	39.59	ng		98
53) 3-Nitroaniline	9.745	138	86817	19.52	ng		94
54) 2,4-Dinitrophenol	9.863	184	69067	39.54	ng	#	88
55) Dibenzofuran	9.986	168	808152	39.24	ng		99
56) 4-Nitrophenol	9.928	139	167005	69.04	ng	#	80
57) 2,4-Dinitrotoluene	9.980	165	200479	41.65	ng	#	82
58) Fluorene	10.327	166	662317	39.92	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	166681	41.09	ng		96
60) Diethylphthalate	10.204	149	696852	40.54	ng		99
61) 4-Chlorophenyl-phenyle...	10.316	204	312785	39.31	ng		92
62) 4-Nitroaniline	10.363	138	171978	38.71	ng		96
63) Azobenzene	10.480	77	739090	40.66	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	82318	29.41	ng		95
66) n-Nitrosodiphenylamine	10.439	169	624343	40.60	ng		100
67) 4-Bromophenyl-phenylether	10.810	248	213072	41.31	ng		97
68) Hexachlorobenzene	10.880	284	238483	40.85	ng	#	93
69) Atrazine	10.969	200	170783	45.42	ng		99
70) Pentachlorophenol	11.080	266	128487	58.37	ng		98
71) Phenanthrene	11.292	178	992839	40.56	ng		100
72) Anthracene	11.345	178	1019136	40.15	ng		99
73) Carbazole	11.498	167	929786	41.19	ng		99
74) Di-n-butylphthalate	11.821	149	1069330	41.18	ng		100
75) Fluoranthene	12.480	202	1048706	39.96	ng		98
77) Benzidine	12.604	184	321803	32.09	ng		99
78) Pyrene	12.710	202	1077671	43.48	ng		99
80) Butylbenzylphthalate	13.321	149	448641	45.64	ng		99
81) Benzo(a)anthracene	13.898	228	885314	41.54	ng		99
82) 3,3'-Dichlorobenzidine	13.857	252	153954	19.47	ng		99
83) Chrysene	13.933	228	850441	40.64	ng		99
84) Bis(2-ethylhexyl)phtha...	13.880	149	596271	44.68	ng		98
85) Di-n-octyl phthalate	14.492	149	920748	42.65	ng		99
87) Indeno(1,2,3-cd)pyrene	16.756	276	766286	47.71	ng		99
88) Benzo(b)fluoranthene	14.927	252	770964	46.10	ng		99
89) Benzo(k)fluoranthene	14.957	252	645293	40.62	ng		99
90) Benzo(a)pyrene	15.280	252	619050	42.86	ng		98
91) Dibenzo(a,h)anthracene	16.762	278	626406	47.36	ng		100
92) Benzo(g,h,i)perylene	17.174	276	667053	50.40	ng		99

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

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