Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
Data File : BF120810.D
Acq On : 9 Jul 2020 11:04
Operator : JU/CG
Sample : L3216-02
Misc : LOO-SOIL-5PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:47:34 AM

Quant Time: Jul 09 12:56:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:36:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134582	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	499562	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	244407	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	423327	20.00	ng		0.00
76) Chrysene-d12	14.00	240	309741	20.00	ng		0.00
86) Perylene-d12	15.46	264	258694	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	862619	98.94	ng		0.00
7) Phenol-d6	6.47	99	1085944	97.54	ng		0.00
23) Nitrobenzene-d5	7.41	82	673009	78.05	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	251026	102.23	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1241838	76.87	ng		0.00
79) Terphenyl-d14	12.96	244	991226	62.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	20689	5.195	ng		94
3) Pyridine	3.38	79	33826	3.101	ng		98
4) n-Nitrosodimethylamine	3.26	42	22468	4.117	ng	#	97
6) Aniline	6.50	93	63227	4.422	ng		100
8) 2-Chlorophenol	6.63	128	40887	4.405	ng		94
9) Benzaldehyde	6.39	77	35593	5.375	ng		94
10) Phenol	6.48	94	51491m	4.496	ng		
11) bis(2-Chloroethyl)ether	6.58	93	40267	4.320	ng		99
12) 1,3-Dichlorobenzene	6.79	146	46113	4.513	ng		97
13) 1,4-Dichlorobenzene	6.86	146	45380	4.435	ng		99
14) 1,2-Dichlorobenzene	7.02	146	43305	4.448	ng		98
15) Benzyl Alcohol	6.98	79	44175m	5.281	ng		
16) 2,2'-oxybis(1-Chloropropan	7.12	45	60716	4.177	ng		99
17) 2-Methylphenol	7.09	107	31555	3.800	ng		95
18) Hexachloroethane	7.36	117	16308	4.240	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	28194	4.206	ng		97
20) 3+4-Methylphenols	7.24	107	40969	4.006	ng		98
22) Acetophenone	7.25	105	60693	4.888	ng	#	87
24) Nitrobenzene	7.42	77	47182	4.874	ng		96
25) Isophorone	7.66	82	73833	3.971	ng		94
26) 2-Nitrophenol	7.74	139	12269	3.467	ng		93
27) 2,4-Dimethylphenol	7.77	122	33444	4.506	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	47926	4.355	ng	#	96
29) 2,4-Dichlorophenol	7.97	162	29190	3.939	ng		94
30) 1,2,4-Trichlorobenzene	8.07	180	35836	4.306	ng		98
31) Naphthalene	8.15	128	122027	4.571	ng		98
32) Benzoic acid	7.82	122	8487	2.113	ng		95
33) 4-Chloroaniline	8.19	127	45225	3.992	ng		95
34) Hexachlorobutadiene	8.27	225	20624	4.120	ng		98
35) Caprolactam	8.52	113	7222	3.345	ng		99
36) 4-Chloro-3-methylphenol	8.66	107	29632	3.844	ng		93
37) 2-Methylnaphthalene	8.84	142	75774	4.366	ng		98
38) 1-Methylnaphthalene	8.94	142	72762	4.476	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	34016	4.605	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	15025	3.443	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	17244	3.426	ng		91
44) 2,4,5-Trichlorophenol	9.15	196	20114	3.601	ng	#	89
46) 1,1'-Biphenyl	9.30	154	97504	4.946	ng		98
47) 2-Chloronaphthalene	9.33	162	68559	4.341	ng		98
48) 2-Nitroaniline	9.42	65	15990	3.784	ng		85
49) Acenaphthylene	9.74	152	106158	4.287	ng		97
50) Dimethylphthalate	9.60	163	74282	4.166	ng		99
51) 2,6-Dinitrotoluene	9.66	165	12606	3.914	ng		90
52) Acenaphthene	9.92	154	63862	4.157	ng		96
53) 3-Nitroaniline	9.82	138	14784	3.715	ng		98
55) Dibenzofuran	10.09	168	98780	4.461	ng		97
56) 4-Nitrophenol	9.97	139	8357	2.859	ng		89
57) 2,4-Dinitrotoluene	10.06	165	13728	3.550	ng		95
58) Fluorene	10.43	166	74100	4.496	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	15583	3.749	ng		90
60) Diethylphthalate	10.30	149	72592	3.909	ng		97
61) 4-Chlorophenyl-phenylether	10.42	204	35346	4.266	ng		94
62) 4-Nitroaniline	10.43	138	13806	3.645	ng		97
63) Azobenzene	10.58	77	79918	4.206	ng		92
66) n-Nitrosodiphenylamine	10.54	169	60886	4.291	ng		100
67) 4-Bromophenyl-phenylether	10.91	248	18749	3.818	ng	#	83
68) Hexachlorobenzene	10.97	284	20545	3.987	ng		97
69) Atrazine	11.06	200	15727	4.302	ng		98
70) Pentachlorophenol	11.17	266	7461	2.559	ng		97
71) Phenanthrene	11.39	178	102799	4.476	ng		97
72) Anthracene	11.44	178	99992	4.308	ng		98
73) Carbazole	11.59	167	90161	4.042	ng		97
74) Di-n-butylphthalate	11.93	149	94958	3.439	ng		98
75) Fluoranthene	12.57	202	96714	3.953	ng		98
77) Benzidine	12.70	184	30724	3.514	ng	#	92
78) Pyrene	12.80	202	100917	4.079	ng		98
80) Butylbenzylphthalate	13.43	149	28857	2.702	ng		97
81) Benzo(a)anthracene	13.99	228	84998	4.281	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	21955	3.277	ng	#	95
83) Chrysene	14.03	228	81404	4.019	ng		97
84) Bis(2-ethylhexyl)phthalate	13.99	149	46161	3.296	ng	#	99
85) Di-n-octyl phthalate	14.60	149	54968	2.219	ng		96
87) Indeno(1,2,3-cd)pyrene	16.90	276	58260	3.511	ng		97
88) Benzo(b)fluoranthene	15.03	252	63917	3.758	ng	#	96
89) Benzo(k)fluoranthene	15.06	252	64107	3.874	ng	#	98
90) Benzo(a)pyrene	15.40	252	52855	3.484	ng		100
91) Dibenzo(a,h)anthracene	16.93	278	49117	3.552	ng		96
92) Benzo(g,h,i)perylene	17.34	276	48910	3.870	ng		98

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

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