Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044002.D
Acq On : 10 Jan 2020 14:56
Operator : JU
Sample : L1064-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-AMS

Manual Integrations APPROVED
mohammad
1/13/2020 2:20:57 PM

Quant Time: Jan 11 04:50:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	111725	20.00	ng		-0.01
21) Naphthalene-d8	10.75	136	466759	20.00	ng		-0.02
39) Acenaphthene-d10	14.59	164	301452	20.00	ng		-0.01
64) Phenanthrene-d10	17.33	188	636583	20.00	ng		0.00
76) Chrysene-d12	21.58	240	545617	20.00	ng		-0.01
87) Perylene-d12	24.69	264	624125	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	865577	142.25	ng		0.00
7) Phenol-d6	7.12	99	1191036	140.03	ng		0.00
23) Nitrobenzene-d5	9.10	82	695922	79.76	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	434669	137.79	ng		-0.01
45) 2-Fluorobiphenyl	13.21	172	1494623	89.83	ng		-0.01
79) Terphenyl-d14	19.94	244	2073983	94.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	96388	36.330	ng		96
3) Pyridine	3.82	79	240465	30.680	ng		95
4) n-Nitrosodimethylamine	3.73	42	125010	35.825	ng		99
6) Aniline	7.27	93	271553	24.307	ng		97
8) 2-Chlorophenol	7.52	128	296317	41.481	ng		99
9) Benzaldehyde	7.08	77	163255	29.990	ng		98
10) Phenol	7.15	94	387834	44.256	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	285453	37.736	ng		98
12) 1,3-Dichlorobenzene	7.84	146	316010	37.803	ng		98
13) 1,4-Dichlorobenzene	7.99	146	316756	38.404	ng		98
14) 1,2-Dichlorobenzene	8.31	146	297648	37.597	ng		99
15) Benzyl Alcohol	8.19	79	250967	37.387	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	392646	33.550	ng		99
17) 2-Methylphenol	8.40	107	254644	40.154	ng		98
18) Hexachloroethane	9.04	117	118790	37.013	ng		98
19) n-Nitroso-di-n-propylamine	8.76	70	222848	35.182	ng		96
20) 3+4-Methylphenols	8.72	107	350936	39.668	ng		98
22) Acetophenone	8.77	105	412739	35.569	ng	#	98
24) Nitrobenzene	9.15	77	313977	36.333	ng		98
25) Isophorone	9.67	82	598889	36.586	ng		100
26) 2-Nitrophenol	9.86	139	165039	40.367	ng		96
27) 2,4-Dimethylphenol	9.93	122	284230	46.183	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	387592	35.516	ng		97
29) 2,4-Dichlorophenol	10.40	162	294365	40.098	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	302780	36.784	ng		99
31) Naphthalene	10.80	128	892873	39.530	ng		99
32) Benzoic acid	10.06	122	131286	29.040	ng		98
33) 4-Chloroaniline	10.91	127	140091	13.004	ng		98
34) Hexachlorobutadiene	11.10	225	176768	35.173	ng		98
35) Caprolactam	11.67	113	108696m	39.774	ng		
36) 4-Chloro-3-methylphenol	12.04	107	308482	39.473	ng		99
37) 2-Methylnaphthalene	12.41	142	655765	38.563	ng		98
38) 1-Methylnaphthalene	12.63	142	627698	38.947	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	307086	34.756	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	399117	87.130 ng	98
43) 2,4,6-Trichlorophenol	13.02	196	230073	37.844 ng	97
44) 2,4,5-Trichlorophenol	13.09	196	245258	39.114 ng	99
46) 1,1'-Biphenyl	13.42	154	828230	38.320 ng	98
47) 2-Chloronaphthalene	13.46	162	639305	36.605 ng	98
48) 2-Nitroaniline	13.65	65	193153	34.381 ng	100
49) Acenaphthylene	14.30	152	1009766	40.225 ng	97
50) Dimethylphthalate	14.04	163	934314	43.651 ng	99
51) 2,6-Dinitrotoluene	14.15	165	183870	38.006 ng	99
52) Acenaphthene	14.65	154	716339	40.691 ng	98
53) 3-Nitroaniline	14.48	138	117892	21.459 ng	98
54) 2,4-Dinitrophenol	14.69	184	163303	67.200 ng	99
55) Dibenzofuran	14.99	168	965795	39.853 ng	97
56) 4-Nitrophenol	14.80	139	345700	82.115 ng	95
57) 2,4-Dinitrotoluene	14.94	165	257328	39.091 ng	99
58) Fluorene	15.63	166	759734	39.553 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	212701	39.449 ng	98
60) Diethylphthalate	15.41	149	830770	38.806 ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	396081	37.975 ng	97
62) 4-Nitroaniline	15.64	138	186836	34.438 ng	96
63) Azobenzene	15.92	77	762510	38.406 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	132693	41.147 ng	99
66) n-Nitrosodiphenylamine	15.84	169	712262	37.994 ng	99
67) 4-Bromophenyl-phenylether	16.52	248	255251	35.652 ng	99
68) Hexachlorobenzene	16.64	284	274145	35.535 ng	97
69) Atrazine	16.79	200	264647	43.430 ng	99
70) Pentachlorophenol	16.98	266	320466	75.355 ng	99
71) Phenanthrene	17.37	178	1201642	39.355 ng	98
72) Anthracene	17.46	178	1231259	40.803 ng	99
73) Carbazole	17.72	167	1125081	40.363 ng	97
74) Di-n-butylphthalate	18.29	149	1384890	38.914 ng	98
75) Fluoranthene	19.37	202	1384333	39.643 ng	98
77) Benzidine	19.56	184	648414	47.280 ng	98
78) Pyrene	19.74	202	1397188	39.231 ng	97
80) Butylbenzylphthalate	20.63	149	646386	38.122 ng	96
81) Benzo(a)anthracene	21.55	228	1334978	39.459 ng	97
82) 3,3'-Dichlorobenzidine	21.47	252	271492	20.312 ng	100
83) Chrysene	21.62	228	1276705	39.714 ng	97
84) Bis(2-ethylhexyl)phthalate	21.48	149	915085	39.113 ng	99
85) Di-n-octyl phthalate	22.67	149	1582542	40.236 ng	97
86) Indeno(1,2,3-cd)pyrene	28.23	276	1623981	37.172 ng	99
88) Benzo(b)fluoranthene	23.71	252	1385827	37.560 ng	99
89) Benzo(k)fluoranthene	23.78	252	1374270	39.168 ng	99
90) Benzo(a)pyrene	24.55	252	1299523	37.317 ng	98
91) Dibenzo(a,h)anthracene	28.29	278	1347091	38.517 ng	98
92) Benzo(g,h,i)perylene	29.33	276	1362038	39.207 ng	98

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

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