Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044003.D
Acq On : 10 Jan 2020 15:35
Operator : JU
Sample : L1064-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-AMSD

Manual Integrations APPROVED
mohammad
1/13/2020 2:21:00 PM

Quant Time: Jan 11 04:51:13 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	113674	20.00	ng		-0.02
21) Naphthalene-d8	10.75	136	487061	20.00	ng		-0.02
39) Acenaphthene-d10	14.59	164	314208	20.00	ng		-0.01
64) Phenanthrene-d10	17.33	188	651391	20.00	ng		-0.01
76) Chrysene-d12	21.57	240	558153	20.00	ng		-0.02
87) Perylene-d12	24.69	264	638045	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	600723	97.03	ng		0.00
7) Phenol-d6	7.12	99	837976	96.83	ng		0.00
23) Nitrobenzene-d5	9.11	82	474732	52.14	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	297853	90.58	ng		-0.01
45) 2-Fluorobiphenyl	13.21	172	1002835	57.82	ng		-0.02
79) Terphenyl-d14	19.94	244	1413274	54.84	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	118929	44.058	ng		95
3) Pyridine	3.81	79	287976	36.112	ng		96
4) n-Nitrosodimethylamine	3.73	42	146710	41.322	ng		98
6) Aniline	7.27	93	300669	26.452	ng		97
8) 2-Chlorophenol	7.52	128	354029	48.710	ng		99
9) Benzaldehyde	7.08	77	190386	34.374	ng		100
10) Phenol	7.15	94	460272	51.622	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	333778	43.368	ng		98
12) 1,3-Dichlorobenzene	7.84	146	371441	43.672	ng		99
13) 1,4-Dichlorobenzene	7.98	146	370931	44.201	ng		99
14) 1,2-Dichlorobenzene	8.31	146	353002	43.825	ng		99
15) Benzyl Alcohol	8.19	79	298339	43.682	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.48	45	460843	38.703	ng		99
17) 2-Methylphenol	8.39	107	304661	47.217	ng		99
18) Hexachloroethane	9.04	117	140537	43.038	ng		98
19) n-Nitroso-di-n-propylamine	8.76	70	262773	40.774	ng		98
20) 3+4-Methylphenols	8.72	107	418326	46.475	ng		99
22) Acetophenone	8.77	105	484399	40.004	ng	#	99
24) Nitrobenzene	9.15	77	370195	41.053	ng		98
25) Isophorone	9.68	82	712939	41.738	ng		99
26) 2-Nitrophenol	9.86	139	198679	46.569	ng		98
27) 2,4-Dimethylphenol	9.93	122	337270	52.517	ng		97
28) bis(2-Chloroethoxy)methane	10.16	93	456802	40.114	ng		99
29) 2,4-Dichlorophenol	10.40	162	349658	45.645	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	354579	41.282	ng		99
31) Naphthalene	10.80	128	1033715	43.858	ng		99
32) Benzoic acid	10.07	122	167232	34.067	ng		92
33) 4-Chloroaniline	10.90	127	147502	13.121	ng		99
34) Hexachlorobutadiene	11.10	225	209223	39.896	ng		98
35) Caprolactam	11.67	113	127695m	44.778	ng		
36) 4-Chloro-3-methylphenol	12.04	107	367652	45.083	ng		98
37) 2-Methylnaphthalene	12.41	142	765179	43.122	ng		97
38) 1-Methylnaphthalene	12.63	142	728083	43.293	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	364847	39.617	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	460556	96.461	ng		97
43) 2,4,6-Trichlorophenol	13.02	196	272057	42.933	ng		97
44) 2,4,5-Trichlorophenol	13.09	196	297437	45.510	ng		99
46) 1,1'-Biphenyl	13.42	154	961154	42.664	ng		99
47) 2-Chloronaphthalene	13.46	162	751305	41.271	ng		99
48) 2-Nitroaniline	13.66	65	229360	39.168	ng		99
49) Acenaphthylene	14.31	152	1172103	44.797	ng		99
50) Dimethylphthalate	14.04	163	1019080	45.678	ng		99
51) 2,6-Dinitrotoluene	14.15	165	219060	43.442	ng		97
52) Acenaphthene	14.65	154	748330	40.783	ng		98
53) 3-Nitroaniline	14.48	138	123970	21.649	ng		97
54) 2,4-Dinitrophenol	14.69	184	197497	77.092	ng		97
55) Dibenzofuran	14.98	168	1113769	44.093	ng		99
56) 4-Nitrophenol	14.80	139	407390	92.840	ng		94
57) 2,4-Dinitrotoluene	14.94	165	300293	43.765	ng		97
58) Fluorene	15.63	166	878099	43.859	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	252668	44.959	ng		97
60) Diethylphthalate	15.40	149	962778	43.146	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	457679	42.100	ng		97
62) 4-Nitroaniline	15.65	138	216693	38.320	ng		94
63) Azobenzene	15.92	77	882812	42.660	ng		99
65) 4,6-Dinitro-2-methylphenol	15.70	198	158700	47.352	ng		99
66) n-Nitrosodiphenylamine	15.84	169	824305	42.971	ng		99
67) 4-Bromophenyl-phenylether	16.52	248	297741	40.641	ng		97
68) Hexachlorobenzene	16.64	284	319407	40.461	ng		96
69) Atrazine	16.79	200	311927	50.025	ng		99
70) Pentachlorophenol	16.98	266	376757	86.578	ng		100
71) Phenanthrene	17.37	178	1381922	44.230	ng		99
72) Anthracene	17.46	178	1420816	46.014	ng		100
73) Carbazole	17.73	167	1289858	45.222	ng		98
74) Di-n-butylphthalate	18.30	149	1578082	43.334	ng		99
75) Fluoranthene	19.38	202	1585320	44.367	ng		99
77) Benzidine	19.55	184	685763	48.880	ng		98
78) Pyrene	19.73	202	1586276	43.540	ng		98
80) Butylbenzylphthalate	20.63	149	738336	42.567	ng		98
81) Benzo(a)anthracene	21.56	228	1531455	44.250	ng		98
82) 3,3'-Dichlorobenzidine	21.47	252	319550	23.370	ng		100
83) Chrysene	21.62	228	1449598	44.080	ng		99
84) Bis(2-ethylhexyl)phthalate	21.48	149	1047293	43.759	ng		99
85) Di-n-octyl phthalate	22.66	149	1802359	44.795	ng		98
86) Indeno(1,2,3-cd)pyrene	28.23	276	1865230	41.735	ng	#	92
88) Benzo(b)fluoranthene	23.71	252	1619475	42.935	ng		100
89) Benzo(k)fluoranthene	23.78	252	1569421	43.754	ng		99
90) Benzo(a)pyrene	24.55	252	1497922	42.076	ng		99
91) Dibenzo(a,h)anthracene	28.29	278	1529961	42.792	ng		98
92) Benzo(g,h,i)perylene	29.33	276	1538594	43.323	ng		98

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

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