Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043884.D
Acq On : 3 Jan 2020 12:12
Operator : JU
Sample : K5111-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

Manual Integrations APPROVED
mohammad
1/6/2020 11:41:40 AM

Quant Time: Jan 03 13:17:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 12:50:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	116177	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	536653	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	365814	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	810679	20.00	ng		0.00
76) Chrysene-d12	21.58	240	697195	20.00	ng		0.00
87) Perylene-d12	24.71	264	774862	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	904476	142.95	ng		0.00
7) Phenol-d6	7.12	99	1254433	141.83	ng		0.00
23) Nitrobenzene-d5	9.12	82	965188	96.21	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	560240	146.35	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	2111820	104.59	ng		0.00
79) Terphenyl-d14	19.96	244	2828415	97.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	22345	8.099	ng		95
3) Pyridine	3.84	79	55825	6.850	ng		94
4) n-Nitrosodimethylamine	3.75	42	26124	7.200	ng	#	94
6) Aniline	7.28	93	92481	7.961	ng		97
8) 2-Chlorophenol	7.53	128	57599	7.754	ng		94
9) Benzaldehyde	7.09	77	56485	9.979	ng		97
10) Phenol	7.15	94	71424	7.838	ng		90
11) bis(2-Chloroethyl)ether	7.38	93	63295	8.047	ng		97
12) 1,3-Dichlorobenzene	7.86	146	66328	7.631	ng		98
13) 1,4-Dichlorobenzene	8.00	146	66606	7.766	ng		93
14) 1,2-Dichlorobenzene	8.32	146	63230	7.681	ng		94
15) Benzyl Alcohol	8.19	79	50408	7.222	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.49	45	87811	7.216	ng		99
17) 2-Methylphenol	8.40	107	48737	7.391	ng		96
18) Hexachloroethane	9.05	117	25057	7.508	ng		98
19) n-Nitroso-di-n-propylamine	8.76	70	51108	7.759	ng		100
20) 3+4-Methylphenols	8.73	107	68255	7.420	ng		94
22) Acetophenone	8.77	105	98236	7.363	ng		98
24) Nitrobenzene	9.16	77	74136	7.462	ng		98
25) Isophorone	9.68	82	141331	7.509	ng		98
26) 2-Nitrophenol	9.87	139	28500	6.063	ng		99
27) 2,4-Dimethylphenol	9.93	122	40185	5.679	ng		99
28) bis(2-Chloroethoxy)methane	10.17	93	89352	7.121	ng		99
29) 2,4-Dichlorophenol	10.41	162	56313	6.672	ng		95
30) 1,2,4-Trichlorobenzene	10.63	180	66558	7.033	ng		98
31) Naphthalene	10.81	128	205380	7.909	ng		98
32) Benzoic acid	10.00	122	12014m	2.275	ng		
33) 4-Chloroaniline	10.91	127	88138	7.116	ng		97
34) Hexachlorobutadiene	11.11	225	39202	6.785	ng		95
35) Caprolactam	11.65	113	21257	6.765	ng	#	80
36) 4-Chloro-3-methylphenol	12.04	107	63266	7.041	ng		98
37) 2-Methylnaphthalene	12.42	142	156849	8.022	ng		95
38) 1-Methylnaphthalene	12.64	142	149397	8.062	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	76227	7.109	ng		100

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Quant Time: Jan 03 13:17:11 2020
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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	12.78	237	38476	6.922	ng		100
43) 2,4,6-Trichlorophenol	13.03	196	44420	6.021	ng		88
44) 2,4,5-Trichlorophenol	13.09	196	49999	6.571	ng		97
46) 1,1'-Biphenyl	13.43	154	209928	8.004	ng		95
47) 2-Chloronaphthalene	13.47	162	157465	7.430	ng		96
48) 2-Nitroaniline	13.66	65	39427	5.783	ng		90
49) Acenaphthylene	14.32	152	257863	8.465	ng		93
50) Dimethylphthalate	14.05	163	215747	8.306	ng		96
51) 2,6-Dinitrotoluene	14.16	165	42446	7.230	ng		98
52) Acenaphthene	14.66	154	158598	7.424	ng		96
53) 3-Nitroaniline	14.48	138	43175	6.476	ng	#	95
54) 2,4-Dinitrophenol	14.69	184	8826	3.335	ng	#	79
55) Dibenzofuran	14.99	168	260597	8.861	ng		94
56) 4-Nitrophenol	14.79	139	31989	6.262	ng		96
57) 2,4-Dinitrotoluene	14.94	165	55863	6.993	ng		98
58) Fluorene	15.64	166	204039	8.754	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	48698	7.443	ng		99
60) Diethylphthalate	15.41	149	216761	8.344	ng		97
61) 4-Chlorophenyl-phenylether	15.64	204	103202	8.154	ng		96
62) 4-Nitroaniline	15.64	138	46305	7.033	ng		96
63) Azobenzene	15.93	77	203856	8.461	ng		96
65) 4,6-Dinitro-2-methylphenol	15.71	198	20260	5.139	ng		96
66) n-Nitrosodiphenylamine	15.84	169	178756	7.488	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	63161	6.927	ng		97
68) Hexachlorobenzene	16.65	284	68478	6.970	ng		96
69) Atrazine	16.79	200	55212	7.115	ng		95
70) Pentachlorophenol	16.99	266	25346	4.680	ng		97
71) Phenanthrene	17.38	178	327496	8.422	ng		94
72) Anthracene	17.46	178	330006	8.587	ng		94
73) Carbazole	17.73	167	290225	8.176	ng		94
74) Di-n-butylphthalate	18.30	149	350062	7.724	ng	#	95
75) Fluoranthene	19.39	202	370402	8.329	ng		92
77) Benzidine	19.56	184	122864	7.011	ng		98
78) Pyrene	19.74	202	380848	8.369	ng		92
80) Butylbenzylphthalate	20.64	149	137823	6.361	ng		94
81) Benzo(a)anthracene	21.57	228	353431	8.175	ng		92
82) 3,3'-Dichlorobenzidine	21.48	252	124722	7.302	ng		99
83) Chrysene	21.63	228	334837	8.151	ng		91
84) Bis(2-ethylhexyl)phthalate	21.50	149	216890	7.255	ng		93
85) Di-n-octyl phthalate	22.68	149	346530	6.895	ng		97
86) Indeno(1,2,3-cd)pyrene	28.25	276	382452	6.851	ng	#	90
88) Benzo(b)fluoranthene	23.72	252	349506	7.630	ng		96
89) Benzo(k)fluoranthene	23.79	252	343108	7.877	ng		95
90) Benzo(a)pyrene	24.56	252	313973	7.262	ng		95
91) Dibenzo(a,h)anthracene	28.32	278	326224	7.513	ng		96
92) Benzo(g,h,i)perylene	29.34	276	320840	7.439	ng		96

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

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