Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
Data File : BG043874.D
Acq On : 2 Jan 2020 14:21
Operator : JU
Sample : K5111-01
Misc : LOD-MDL SOIL 8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations APPROVED
mohammad
1/3/2020 11:05:08 AM

Quant Time: Jan 02 16:31:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 16:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	124510	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	556720	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	368771	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	809900	20.00	ng		0.00
76) Chrysene-d12	21.59	240	710791	20.00	ng		0.00
87) Perylene-d12	24.71	264	790925	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	941178	138.79	ng		0.00
7) Phenol-d6	7.12	99	1307582	137.95	ng		0.00
23) Nitrobenzene-d5	9.12	82	1021397	98.15	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	558287	144.67	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	2145828	105.42	ng		0.00
79) Terphenyl-d14	19.95	244	2869872	97.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	22836	7.723	ng		95
3) Pyridine	3.84	79	57739	6.610	ng		96
4) n-Nitrosodimethylamine	3.75	42	27964	7.191	ng	#	99
6) Aniline	7.29	93	95220	7.648	ng		98
8) 2-Chlorophenol	7.53	128	61597	7.737	ng		98
9) Benzaldehyde	7.10	77	59230	9.763	ng		98
10) Phenol	7.15	94	73839	7.561	ng		93
11) bis(2-Chloroethyl)ether	7.38	93	64350	7.633	ng		94
12) 1,3-Dichlorobenzene	7.86	146	71666	7.693	ng		100
13) 1,4-Dichlorobenzene	8.00	146	70725	7.694	ng		98
14) 1,2-Dichlorobenzene	8.32	146	66240	7.508	ng		98
15) Benzyl Alcohol	8.20	79	53413	7.140	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	94954	7.280	ng		96
17) 2-Methylphenol	8.40	107	51508	7.288	ng		96
18) Hexachloroethane	9.05	117	26467	7.400	ng		97
19) n-Nitroso-di-n-propylamine	8.77	70	54103	7.664	ng		99
20) 3+4-Methylphenols	8.72	107	70183	7.119	ng		98
22) Acetophenone	8.78	105	104672	7.563	ng	#	96
24) Nitrobenzene	9.15	77	77231	7.493	ng		95
25) Isophorone	9.68	82	145375	7.446	ng		98
26) 2-Nitrophenol	9.88	139	28774	5.901	ng		99
27) 2,4-Dimethylphenol	9.94	122	41738	5.686	ng		90
28) bis(2-Chloroethoxy)methane	10.17	93	93941	7.217	ng		98
29) 2,4-Dichlorophenol	10.41	162	60136	6.868	ng		93
30) 1,2,4-Trichlorobenzene	10.63	180	69734	7.103	ng		96
31) Naphthalene	10.81	128	214661	7.968	ng		97
32) Benzoic acid	9.99	122	10005	1.826	ng		88
33) 4-Chloroaniline	10.92	127	89338	6.953	ng		99
34) Hexachlorobutadiene	11.11	225	40092	6.688	ng		96
35) Caprolactam	11.65	113	22086	6.776	ng		96
36) 4-Chloro-3-methylphenol	12.04	107	64369	6.906	ng		97
37) 2-Methylnaphthalene	12.42	142	162565	8.015	ng		99
38) 1-Methylnaphthalene	12.64	142	157261	8.181	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	79646	7.369	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	37794	6.745	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	47193	6.345	ng		96
44) 2,4,5-Trichlorophenol	13.10	196	54870	7.153	ng		95
46) 1,1'-Biphenyl	13.43	154	213024	8.057	ng		96
47) 2-Chloronaphthalene	13.47	162	159882	7.483	ng		93
48) 2-Nitroaniline	13.66	65	41096	5.980	ng		95
49) Acenaphthylene	14.31	152	257131	8.373	ng		96
50) Dimethylphthalate	14.04	163	211453	8.076	ng		96
51) 2,6-Dinitrotoluene	14.15	165	41019	6.931	ng		96
52) Acenaphthene	14.66	154	161456	7.497	ng		97
53) 3-Nitroaniline	14.48	138	44508	6.623	ng		97
54) 2,4-Dinitrophenol	14.69	184	9064	3.397	ng	#	72
55) Dibenzofuran	14.99	168	259525	8.754	ng		96
56) 4-Nitrophenol	14.79	139	31077	6.034	ng		97
57) 2,4-Dinitrotoluene	14.94	165	56624	7.031	ng		96
58) Fluorene	15.64	166	202378	8.613	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	46112	6.991	ng		97
60) Diethylphthalate	15.41	149	213870	8.166	ng		94
61) 4-Chlorophenyl-phenylether	15.63	204	104730	8.208	ng		94
62) 4-Nitroaniline	15.64	138	45941	6.922	ng		99
63) Azobenzene	15.93	77	203938	8.397	ng		94
65) 4,6-Dinitro-2-methylphenol	15.70	198	19650	4.989	ng		97
66) n-Nitrosodiphenylamine	15.85	169	183904	7.711	ng		97
67) 4-Bromophenyl-phenylether	16.53	248	62897	6.905	ng		94
68) Hexachlorobenzene	16.65	284	68570	6.986	ng		98
69) Atrazine	16.79	200	54906	7.082	ng		99
70) Pentachlorophenol	16.99	266	24954	4.612	ng		93
71) Phenanthrene	17.38	178	327133	8.421	ng		94
72) Anthracene	17.47	178	327473	8.530	ng		94
73) Carbazole	17.73	167	295604	8.336	ng		93
74) Di-n-butylphthalate	18.31	149	360622	7.965	ng	#	93
75) Fluoranthene	19.39	202	378759	8.525	ng		93
77) Benzidine	19.56	184	125007	6.997	ng		99
78) Pyrene	19.75	202	392403	8.458	ng		92
80) Butylbenzylphthalate	20.64	149	142401	6.447	ng		97
81) Benzo(a)anthracene	21.57	228	361326	8.198	ng		92
82) 3,3'-Dichlorobenzidine	21.49	252	130982	7.522	ng		98
83) Chrysene	21.63	228	340618	8.133	ng		94
84) Bis(2-ethylhexyl)phthalate	21.50	149	222756	7.309	ng		94
85) Di-n-octyl phthalate	22.68	149	352817	6.886	ng		97
86) Indeno(1,2,3-cd)pyrene	28.25	276	389170	6.838	ng	#	89
88) Benzo(b)fluoranthene	23.72	252	344343	7.364	ng		96
89) Benzo(k)fluoranthene	23.79	252	361325m	8.126	ng		
90) Benzo(a)pyrene	24.57	252	317350	7.191	ng	#	94
91) Dibenzo(a,h)anthracene	28.32	278	329815	7.442	ng		97
92) Benzo(g,h,i)perylene	29.35	276	322906	7.335	ng		96

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

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