Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
Data File : BG044704.D
Acq On : 9 Mar 2020 15:55
Operator : CG/JU
Sample : L1161-03
Misc : MDL - MDL-SOIL 8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Manual Integrations APPROVED
mohammad
3/10/2020 2:43:46 PM

Quant Time: Mar 09 19:06:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 05 17:42:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	86592	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	349820	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	238552	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	535261	20.00	ng		0.00
76) Chrysene-d12	21.71	240	519625	20.00	ng		0.00
87) Perylene-d12	24.94	264	601688	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	802096	139.11	ng		0.00
7) Phenol-d6	7.22	99	1154126	132.43	ng		0.01
23) Nitrobenzene-d5	9.22	82	754232	98.17	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	460624	140.57	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1644506	96.03	ng		0.00
79) Terphenyl-d14	20.05	244	2565037	88.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	22384	8.099	ng		92
3) Pyridine	3.93	79	48106	5.614	ng		97
4) n-Nitrosodimethylamine	3.84	42	22274	6.145	ng	#	97
6) Aniline	7.38	93	76367	6.995	ng		96
8) 2-Chlorophenol	7.62	128	41865	7.164	ng		92
9) Benzaldehyde	7.19	77	52402	10.244	ng		97
10) Phenol	7.24	94	58012	6.757	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	46552	7.057	ng		98
12) 1,3-Dichlorobenzene	7.95	146	50448	7.259	ng		95
13) 1,4-Dichlorobenzene	8.10	146	49902m	7.187	ng		
14) 1,2-Dichlorobenzene	8.42	146	45109	6.873	ng		99
15) Benzyl Alcohol	8.29	79	47720	6.347	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	85904	6.893	ng		96
17) 2-Methylphenol	8.50	107	39586	6.730	ng		95
18) Hexachloroethane	9.16	117	19122	6.867	ng		98
19) n-Nitroso-di-n-propylamine	8.87	70	44503	6.835	ng	#	95
20) 3+4-Methylphenols	8.82	107	55058	6.719	ng		95
22) Acetophenone	8.88	105	81644	7.995	ng		96
24) Nitrobenzene	9.26	77	63037	7.738	ng	#	97
25) Isophorone	9.79	82	116832	6.895	ng		98
26) 2-Nitrophenol	9.98	139	15059	5.653	ng	#	86
27) 2,4-Dimethylphenol	10.04	122	40154	7.554	ng		88
28) bis(2-Chloroethoxy)methane	10.27	93	67246	7.050	ng		95
29) 2,4-Dichlorophenol	10.51	162	40082	6.627	ng		88
30) 1,2,4-Trichlorobenzene	10.74	180	50575	7.199	ng		93
31) Naphthalene	10.92	128	149467	7.614	ng		96
32) Benzoic acid	10.10	122	10404m	2.791	ng		
33) 4-Chloroaniline	11.02	127	62416	6.903	ng		95
34) Hexachlorobutadiene	11.22	225	31687	6.601	ng		92
35) Caprolactam	11.76	113	15699	6.218	ng	#	85
36) 4-Chloro-3-methylphenol	12.13	107	50877	6.642	ng		88
37) 2-Methylnaphthalene	12.53	142	114065	7.699	ng		99
38) 1-Methylnaphthalene	12.75	142	108692	7.761	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	60882	7.862	ng		98

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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	12.89	237	30405	6.714	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	32897	6.128	ng		87
44) 2,4,5-Trichlorophenol	13.19	196	37463	6.804	ng		96
46) 1,1'-Biphenyl	13.53	154	147554	7.777	ng		96
47) 2-Chloronaphthalene	13.57	162	105124	7.264	ng		95
48) 2-Nitroaniline	13.76	65	24144	4.946	ng		94
49) Acenaphthylene	14.41	152	182585	7.874	ng		100
50) Dimethylphthalate	14.14	163	144430	7.283	ng		96
51) 2,6-Dinitrotoluene	14.25	165	22169	6.221	ng		97
52) Acenaphthene	14.76	154	107402	7.164	ng		97
53) 3-Nitroaniline	14.58	138	24437	5.950	ng		87
54) 2,4-Dinitrophenol	14.78	184	8072	4.879	ng	#	81
55) Dibenzofuran	15.09	168	173386	7.718	ng		97
56) 4-Nitrophenol	14.87	139	18579	5.814	ng	#	80
57) 2,4-Dinitrotoluene	15.04	165	26692	5.606	ng	#	95
58) Fluorene	15.74	166	141385	7.609	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	35147	6.707	ng		95
60) Diethylphthalate	15.51	149	150164	7.082	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	75610	7.499	ng		91
62) 4-Nitroaniline	15.74	138	28727	6.351	ng		87
63) Azobenzene	16.03	77	168489	7.593	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	13598	6.218	ng		85
66) n-Nitrosodiphenylamine	15.95	169	126745	7.745	ng		95
67) 4-Bromophenyl-phenylether	16.63	248	48064	7.120	ng		95
68) Hexachlorobenzene	16.75	284	52763	7.238	ng		93
69) Atrazine	16.89	200	54046	8.545	ng		94
70) Pentachlorophenol	17.09	266	25715	6.217	ng		99
71) Phenanthrene	17.48	178	231746	7.896	ng		99
72) Anthracene	17.57	178	241608	8.358	ng		99
73) Carbazole	17.83	167	225961	8.162	ng		96
74) Di-n-butylphthalate	18.42	149	267114	7.661	ng		96
75) Fluoranthene	19.49	202	294792	8.311	ng		96
77) Benzidine	19.66	184	160311	7.728	ng		96
78) Pyrene	19.85	202	299527	7.557	ng		97
80) Butylbenzylphthalate	20.75	149	111312	6.292	ng		93
81) Benzo(a)anthracene	21.69	228	296909	7.619	ng		97
82) 3,3'-Dichlorobenzidine	21.61	252	114923	7.407	ng		98
83) Chrysene	21.76	228	282983	7.629	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	167730	6.799	ng		99
85) Di-n-octyl phthalate	22.86	149	272399	6.430	ng		98
86) Indeno(1,2,3-cd)pyrene	28.59	276	342014	6.982	ng		100
88) Benzo(b)fluoranthene	23.91	252	299709m	7.319	ng		
89) Benzo(k)fluoranthene	23.98	252	290601	7.571	ng		98
90) Benzo(a)pyrene	24.78	252	272789	7.152	ng	#	91
91) Dibenzo(a,h)anthracene	28.67	278	284441	7.479	ng		98
92) Benzo(g,h,i)perylene	29.73	276	287542	7.548	ng		98

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

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