Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045976.D
Acq On : 8 Jul 2020 11:31
Operator : CG/JU
Sample : L3216-01
Misc : LOD-MDL-SOIL-4PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 08 12:15:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:45:34 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	139876	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	567303	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	337420	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	705604	20.00	ng		0.00
76) Chrysene-d12	21.63	240	671294	20.00	ng		0.00
86) Perylene-d12	24.78	264	658631	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1160291	134.52	ng		0.00
7) Phenol-d6	7.17	99	1625500	130.90	ng		0.00
23) Nitrobenzene-d5	9.16	82	809193	82.10	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	462657	147.74	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1592064	73.60	ng		0.00
79) Terphenyl-d14	19.98	244	1724158	57.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	18491	4.647	ng		92
3) Pyridine	3.91	79	38231	3.177	ng		93
4) n-Nitrosodimethylamine	3.82	42	15834m	3.892	ng		
6) Aniline	7.33	93	60252	3.793	ng		99
8) 2-Chlorophenol	7.57	128	35039	3.774	ng		97
9) Benzaldehyde	7.14	77	41004	5.212	ng		96
10) Phenol	7.19	94	45832	3.679	ng		94
11) bis(2-Chloroethyl)ether	7.42	93	38113	3.700	ng		96
12) 1,3-Dichlorobenzene	7.90	146	39236m	3.666	ng		
13) 1,4-Dichlorobenzene	8.04	146	39389	3.741	ng		97
14) 1,2-Dichlorobenzene	8.36	146	35063	3.460	ng		96
15) Benzyl Alcohol	8.23	79	32703	3.359	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	47451	3.531	ng		95
17) 2-Methylphenol	8.44	107	30364	3.249	ng		93
18) Hexachloroethane	9.09	117	14331	3.538	ng		89
19) n-Nitroso-di-n-propylamine	8.80	70	32428	3.717	ng		89
20) 3+4-Methylphenols	8.76	107	40064	3.145	ng		94
22) Acetophenone	8.82	105	60386	3.984	ng	#	95
24) Nitrobenzene	9.20	77	47199	4.339	ng		90
25) Isophorone	9.72	82	85251	3.543	ng		100
26) 2-Nitrophenol	9.91	139	12044	3.397	ng	#	93
27) 2,4-Dimethylphenol	9.97	122	31671	3.698	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	50139	3.711	ng		96
29) 2,4-Dichlorophenol	10.44	162	29089	3.281	ng		93
30) 1,2,4-Trichlorobenzene	10.67	180	33557	3.416	ng		94
31) Naphthalene	10.85	128	112605	3.703	ng		98
32) Benzoic acid	10.02	122	7194m	1.551	ng		
33) 4-Chloroaniline	10.95	127	46764	3.441	ng		94
34) Hexachlorobutadiene	11.15	225	19080	3.326	ng		96
35) Caprolactam	11.69	113	10698	3.178	ng	#	83
36) 4-Chloro-3-methylphenol	12.06	107	33413	3.309	ng		89
37) 2-Methylnaphthalene	12.46	142	81360	3.763	ng		98
38) 1-Methylnaphthalene	12.68	142	76111m	3.730	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	36616	3.850	ng		99

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41) Hexachlorocyclopentadiene	12.82	237	19863	3.519	ng		94
43) 2,4,6-Trichlorophenol	13.06	196	21198	3.295	ng		87
44) 2,4,5-Trichlorophenol	13.13	196	23757	3.266	ng		94
46) 1,1'-Biphenyl	13.46	154	104012	4.098	ng		98
47) 2-Chloronaphthalene	13.50	162	74164	3.703	ng		97
48) 2-Nitroaniline	13.69	65	18903	4.033	ng		94
49) Acenaphthylene	14.34	152	123367	3.818	ng		97
50) Dimethylphthalate	14.08	163	91313	3.606	ng		100
51) 2,6-Dinitrotoluene	14.19	165	15595	3.969	ng		88
52) Acenaphthene	14.69	154	74421	3.651	ng		96
53) 3-Nitroaniline	14.51	138	17200	3.532	ng		88
54) 2,4-Dinitrophenol	14.72	184	2552m	1.841	ng		
55) Dibenzofuran	15.03	168	115181	3.855	ng		99
56) 4-Nitrophenol	14.81	139	12867	3.119	ng		97
57) 2,4-Dinitrotoluene	14.97	165	18270	3.763	ng		97
58) Fluorene	15.67	166	94584	3.859	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.24	232	19033m	3.389	ng		
60) Diethylphthalate	15.45	149	96232	3.624	ng		97
61) 4-Chlorophenyl-phenylether	15.67	204	44087	3.616	ng		96
62) 4-Nitroaniline	15.67	138	17761	3.394	ng		92
63) Azobenzene	15.97	77	108944	3.822	ng		97
65) 4,6-Dinitro-2-methylphenol	15.73	198	5228	2.530	ng		95
66) n-Nitrosodiphenylamine	15.88	169	81157	3.712	ng		97
67) 4-Bromophenyl-phenylether	16.56	248	25639	3.253	ng		90
68) Hexachlorobenzene	16.68	284	27719	3.505	ng		97
69) Atrazine	16.82	200	26811	4.147	ng		94
70) Pentachlorophenol	17.02	266	11575	2.633	ng		95
71) Phenanthrene	17.41	178	143876	3.857	ng		96
72) Anthracene	17.50	178	148118	3.913	ng		97
73) Carbazole	17.76	167	136818	3.606	ng		95
74) Di-n-butylphthalate	18.34	149	166247	3.626	ng		95
75) Fluoranthene	19.42	202	168956	3.918	ng		95
77) Benzidine	19.59	184	77345	4.030	ng		98
78) Pyrene	19.78	202	176978	3.862	ng		93
80) Butylbenzylphthalate	20.68	149	66291	3.061	ng		97
81) Benzo(a)anthracene	21.60	228	162498	3.681	ng		96
82) 3,3'-Dichlorobenzidine	21.52	252	58652	3.596	ng		93
83) Chrysene	21.67	228	153480	3.650	ng		94
84) Bis(2-ethylhexyl)phthalate	21.55	149	105416	3.354	ng	#	91
85) Di-n-octyl phthalate	22.75	149	169638	3.110	ng		99
87) Indeno(1,2,3-cd)pyrene	28.35	276	168824	3.504	ng	#	90
88) Benzo(b)fluoranthene	23.78	252	153733	3.677	ng		99
89) Benzo(k)fluoranthene	23.85	252	153006	3.870	ng		99
90) Benzo(a)pyrene	24.63	252	140715	3.579	ng		97
91) Dibenzo(a,h)anthracene	28.41	278	139188	3.582	ng		97
92) Benzo(g,h,i)perylene	29.46	276	141468	3.617	ng		96

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

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