Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032719\
Data File : BG040186.D
Acq On : 28 Mar 2019 00:26
Operator : JU/SJ
Sample : K1560-02
Misc : LOO 20PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT1-2019

Quant Time: Mar 28 06:40:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	55527	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	234164	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	140747	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	330794	20.00	ng		0.00
76) Chrysene-d12	21.73	240	332256	20.00	ng		0.00
87) Perylene-d12	25.02	264	349730	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	435159	130.28	ng		0.00
7) Phenol-d6	7.23	99	601475	130.30	ng		0.00
23) Nitrobenzene-d5	9.25	82	367309	83.38	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	212627	139.78	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	821729	86.51	ng		0.00
79) Terphenyl-d14	20.05	244	1219688	82.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	32097	20.436	ng		97
3) Pyridine	3.93	79	88901	21.023	ng		100
4) n-Nitrosodimethylamine	3.85	42	38669	19.769	ng	#	89
6) Aniline	7.40	93	118389	19.740	ng		97
8) 2-Chlorophenol	7.63	128	76651	19.604	ng		97
9) Benzaldehyde	7.22	77	63905	20.182	ng		94
10) Phenol	7.25	94	99998	19.958	ng		95
11) bis(2-Chloroethyl)ether	7.49	93	79959	19.925	ng		97
12) 1,3-Dichlorobenzene	7.95	146	88476	20.816	ng		99
13) 1,4-Dichlorobenzene	8.11	146	86396	20.409	ng		96
14) 1,2-Dichlorobenzene	8.42	146	83575	20.645	ng		96
15) Benzyl Alcohol	8.31	79	74677	20.088	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	156146	20.274	ng		99
17) 2-Methylphenol	8.51	107	68116	19.646	ng		97
18) Hexachloroethane	9.15	117	31991	19.867	ng		99
19) n-Nitroso-di-n-propylamine	8.87	70	66851	20.199	ng		96
20) 3+4-Methylphenols	8.83	107	90875	19.348	ng		99
22) Acetophenone	8.90	105	124431	21.302	ng	#	97
24) Nitrobenzene	9.29	77	94311	20.673	ng		93
25) Isophorone	9.80	82	186944	20.624	ng		96
26) 2-Nitrophenol	10.00	139	44619	20.641	ng		97
27) 2,4-Dimethylphenol	10.04	122	67347	19.614	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	112282	20.937	ng		99
29) 2,4-Dichlorophenol	10.53	162	76419	20.504	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	86760	21.201	ng		99
31) Naphthalene	10.93	128	255970	21.326	ng		100
32) Benzoic acid	10.16	122	30086	14.502	ng		95
33) 4-Chloroaniline	11.05	127	105494	20.605	ng		98
34) Hexachlorobutadiene	11.20	225	54613	20.867	ng		96
35) Caprolactam	11.82	113	29287	19.802	ng		98
36) 4-Chloro-3-methylphenol	12.15	107	87580	20.441	ng		100
37) 2-Methylnaphthalene	12.53	142	187517	21.124	ng		100
38) 1-Methylnaphthalene	12.75	142	182741	21.229	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	98843	22.096	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	47712	19.425	ng		94
43) 2,4,6-Trichlorophenol	13.14	196	58947	20.438	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	65653	20.884	ng		98
46) 1,1'-Biphenyl	13.54	154	242046	21.765	ng		99
47) 2-Chloronaphthalene	13.58	162	184846	21.669	ng		98
48) 2-Nitroaniline	13.79	65	58533	20.343	ng		97
49) Acenaphthylene	14.43	152	315772	21.833	ng		99
50) Dimethylphthalate	14.15	163	239570	21.749	ng		98
51) 2,6-Dinitrotoluene	14.28	165	52816	21.354	ng		99
52) Acenaphthene	14.76	154	179005	21.599	ng		99
53) 3-Nitroaniline	14.61	138	54296	20.739	ng		99
54) 2,4-Dinitrophenol	14.82	184	22658	17.225	ng	#	83
55) Dibenzofuran	15.10	168	295347	22.178	ng		98
56) 4-Nitrophenol	14.91	139	42594	20.158	ng		98
57) 2,4-Dinitrotoluene	15.06	165	73226	21.307	ng		99
58) Fluorene	15.74	166	229017	21.874	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.32	232	58123	20.375	ng		99
60) Diethylphthalate	15.50	149	245248	21.757	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	122471	21.883	ng		98
62) 4-Nitroaniline	15.77	138	58691	20.889	ng		92
63) Azobenzene	16.03	77	228236	21.466	ng		99
65) 4,6-Dinitro-2-methylphenol	15.82	198	34202	18.403	ng		98
66) n-Nitrosodiphenylamine	15.95	169	205286	21.207	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	78284	21.030	ng		99
68) Hexachlorobenzene	16.74	284	80571	21.526	ng	#	93
69) Atrazine	16.89	200	77117	21.416	ng		96
70) Pentachlorophenol	17.09	266	39911	18.444	ng		99
71) Phenanthrene	17.49	178	381405	21.936	ng		98
72) Anthracene	17.58	178	381780	21.937	ng		98
73) Carbazole	17.85	167	356181	21.626	ng		98
74) Di-n-butylphthalate	18.38	149	423806	21.708	ng		100
75) Fluoranthene	19.49	202	469238	22.791	ng		97
77) Benzidine	19.68	184	209666	17.475	ng		98
78) Pyrene	19.86	202	469632	21.494	ng		99
80) Butylbenzylphthalate	20.73	149	189144	20.230	ng		95
81) Benzo(a)anthracene	21.70	228	440567	21.528	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	158165	20.317	ng		99
83) Chrysene	21.77	228	417422	21.223	ng		97
84) Bis(2-ethylhexyl)phthalate	21.57	149	269881	20.193	ng		99
85) Di-n-octyl phthalate	22.80	149	454778	19.972	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	498314	20.715	ng	#	85
88) Benzo(b)fluoranthene	23.96	252	450625	21.046	ng		99
89) Benzo(k)fluoranthene	24.04	252	417308	21.193	ng		98
90) Benzo(a)pyrene	24.86	252	424243	21.117	ng		98
91) Dibenzo(a,h)anthracene	28.86	278	399001	21.384	ng		97
92) Benzo(g,h,i)perylene	29.99	276	397711	20.741	ng		95

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

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