Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040195.D
Acq On : 28 Mar 2019 11:42
Operator : JU/SJ
Sample : K1560-03
Misc : MDL 8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Manual Integrations APPROVED
Sohil
3/29/2019 4:45:20 PM

Quant Time: Mar 29 06:56:36 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	52078	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	217321	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	133433	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	325380	20.00	ng		0.00
76) Chrysene-d12	21.72	240	343758	20.00	ng		0.00
87) Perylene-d12	25.02	264	347549	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	409333	130.67	ng		0.00
7) Phenol-d6	7.22	99	562980	130.04	ng		0.00
23) Nitrobenzene-d5	9.24	82	375612	91.87	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	206084	142.91	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	859953	95.50	ng		0.00
79) Terphenyl-d14	20.05	244	1359259	88.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	11746	7.974	ng		97
3) Pyridine	3.93	79	31526	7.949	ng		96
4) n-Nitrosodimethylamine	3.85	42	13182	7.185	ng	#	85
6) Aniline	7.40	93	40817	7.257	ng		94
8) 2-Chlorophenol	7.63	128	28100	7.663	ng		91
9) Benzaldehyde	7.21	77	24107	8.118	ng		95
10) Phenol	7.24	94	35413	7.536	ng		91
11) bis(2-Chloroethyl)ether	7.49	93	28639	7.609	ng		97
12) 1,3-Dichlorobenzene	7.96	146	30098	7.550	ng		94
13) 1,4-Dichlorobenzene	8.10	146	31233	7.867	ng		92
14) 1,2-Dichlorobenzene	8.42	146	29200	7.691	ng		91
15) Benzyl Alcohol	8.31	79	23635	6.779	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	52871	7.319	ng		98
17) 2-Methylphenol	8.51	107	23571	7.249	ng		96
18) Hexachloroethane	9.15	117	10890	7.211	ng	#	83
19) n-Nitroso-di-n-propylamine	8.87	70	22939	7.390	ng	#	94
20) 3+4-Methylphenols	8.83	107	31100	7.060	ng		92
22) Acetophenone	8.90	105	43791	8.078	ng	#	99
24) Nitrobenzene	9.29	77	34025	8.036	ng		93
25) Isophorone	9.80	82	62298	7.405	ng		99
26) 2-Nitrophenol	10.00	139	13729	6.843	ng		98
27) 2,4-Dimethylphenol	10.04	122	24864	7.803	ng		91
28) bis(2-Chloroethoxy)methane	10.28	93	38932	7.822	ng		96
29) 2,4-Dichlorophenol	10.53	162	24403	7.055	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	30538	8.041	ng		96
31) Naphthalene	10.93	128	92500	8.304	ng	#	93
32) Benzoic acid	10.14	122	7958m	4.133	ng		
33) 4-Chloroaniline	11.05	127	36654	7.714	ng		95
34) Hexachlorobutadiene	11.19	225	19567	8.056	ng		97
35) Caprolactam	11.81	113	9725	7.085	ng		99
36) 4-Chloro-3-methylphenol	12.15	107	28647	7.204	ng		89
37) 2-Methylnaphthalene	12.53	142	66819	8.111	ng		98
38) 1-Methylnaphthalene	12.75	142	66320	8.302	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	34825	8.212	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	15700	6.742	ng		84
43) 2,4,6-Trichlorophenol	13.14	196	19007	6.951	ng		86
44) 2,4,5-Trichlorophenol	13.21	196	21213	7.118	ng		99
46) 1,1'-Biphenyl	13.53	154	87912	8.338	ng		99
47) 2-Chloronaphthalene	13.58	162	66824	8.263	ng		98
48) 2-Nitroaniline	13.80	65	18660	6.841	ng		98
49) Acenaphthylene	14.42	152	113721	8.294	ng		99
50) Dimethylphthalate	14.14	163	86191	8.253	ng	#	96
51) 2,6-Dinitrotoluene	14.28	165	18229	7.774	ng		97
52) Acenaphthene	14.76	154	67396	8.578	ng		93
53) 3-Nitroaniline	14.61	138	18091	7.289	ng		84
54) 2,4-Dinitrophenol	14.82	184	5418	4.345	ng		87
55) Dibenzofuran	15.09	168	108773	8.616	ng		98
56) 4-Nitrophenol	14.91	139	12774	6.377	ng		96
57) 2,4-Dinitrotoluene	15.06	165	25607	7.859	ng	#	97
58) Fluorene	15.75	166	84320	8.495	ng		91
59) 2,3,4,6-Tetrachlorophenol	15.32	232	20526m	7.590	ng		
60) Diethylphthalate	15.50	149	90394	8.459	ng		97
61) 4-Chlorophenyl-phenylether	15.73	204	45074	8.495	ng		97
62) 4-Nitroaniline	15.78	138	19577	7.350	ng		96
63) Azobenzene	16.02	77	83098	8.244	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	10710	5.859	ng		97
66) n-Nitrosodiphenylamine	15.95	169	75221	7.900	ng		96
67) 4-Bromophenyl-phenylether	16.63	248	27702	7.565	ng		98
68) Hexachlorobenzene	16.74	284	29713	8.071	ng		98
69) Atrazine	16.89	200	28067	7.924	ng		99
70) Pentachlorophenol	17.09	266	11448	5.378	ng		91
71) Phenanthrene	17.49	178	146753	8.581	ng		97
72) Anthracene	17.58	178	141798	8.283	ng		97
73) Carbazole	17.86	167	135663	8.374	ng		96
74) Di-n-butylphthalate	18.38	149	154710	8.056	ng		99
75) Fluoranthene	19.49	202	180601	8.918	ng		98
77) Benzidine	19.68	184	86182	6.943	ng		96
78) Pyrene	19.85	202	187530	8.296	ng		97
80) Butylbenzylphthalate	20.72	149	66158	6.839	ng		96
81) Benzo(a)anthracene	21.70	228	173854	8.211	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	59929	7.440	ng		98
83) Chrysene	21.77	228	170108	8.359	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	94861	6.860	ng		98
85) Di-n-octyl phthalate	22.80	149	157306	6.677	ng		99
86) Indeno(1,2,3-cd)pyrene	28.79	276	189053	7.596	ng	#	79
88) Benzo(b)fluoranthene	23.96	252	170252	8.001	ng		98
89) Benzo(k)fluoranthene	24.02	252	160079	8.181	ng		97
90) Benzo(a)pyrene	24.86	252	157914	7.910	ng		96
91) Dibenzo(a,h)anthracene	28.85	278	147333	7.946	ng		94
92) Benzo(g,h,i)perylene	29.99	276	152155	7.985	ng		98

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

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