Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
Data File : BG043873.D
Acq On : 2 Jan 2020 13:42
Operator : JU
Sample : K5111-01
Misc : LOD-MDL SOIL 5PPM
ALS Vial : 5 Sample Multiplier: 1

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

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

Quant Time: Jan 02 16:29:44 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	123213	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	541951	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	369773	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	807208	20.00	ng		0.00
76) Chrysene-d12	21.59	240	688317	20.00	ng		0.00
87) Perylene-d12	24.72	264	759246	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	975890	145.43	ng		0.00
7) Phenol-d6	7.12	99	1324689	141.22	ng		0.00
23) Nitrobenzene-d5	9.12	82	990305	97.75	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	559872	144.68	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	2128489	104.29	ng		0.00
79) Terphenyl-d14	19.96	244	2810903	98.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	17720	6.056	ng		89
3) Pyridine	3.84	79	39836	4.609	ng		98
4) n-Nitrosodimethylamine	3.75	42	18476	4.801	ng	#	98
6) Aniline	7.29	93	62287	5.056	ng		98
8) 2-Chlorophenol	7.53	128	39964	5.073	ng		94
9) Benzaldehyde	7.10	77	39580	6.593	ng		95
10) Phenol	7.15	94	50245	5.199	ng		86
11) bis(2-Chloroethyl)ether	7.38	93	42191	5.057	ng		92
12) 1,3-Dichlorobenzene	7.86	146	45172	4.900	ng		97
13) 1,4-Dichlorobenzene	8.00	146	47217	5.191	ng		93
14) 1,2-Dichlorobenzene	8.32	146	44494	5.096	ng		96
15) Benzyl Alcohol	8.20	79	35571	4.805	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.50	45	61255	4.746	ng		98
17) 2-Methylphenol	8.40	107	32785	4.688	ng		99
18) Hexachloroethane	9.05	117	17407	4.918	ng		88
19) n-Nitroso-di-n-propylamine	8.77	70	34232	4.900	ng		98
20) 3+4-Methylphenols	8.73	107	46469	4.763	ng		96
22) Acetophenone	8.78	105	66557	4.940	ng	#	95
24) Nitrobenzene	9.16	77	51961	5.179	ng		98
25) Isophorone	9.69	82	92491	4.866	ng		99
26) 2-Nitrophenol	9.88	139	18404	3.877	ng		95
27) 2,4-Dimethylphenol	9.94	122	36809	5.151	ng		94
28) bis(2-Chloroethoxy)methane	10.17	93	60859	4.803	ng		98
29) 2,4-Dichlorophenol	10.41	162	36905	4.330	ng		96
30) 1,2,4-Trichlorobenzene	10.63	180	44364	4.642	ng		99
31) Naphthalene	10.82	128	140930	5.374	ng		99
32) Benzoic acid	9.99	122	5785	1.085	ng	#	67
33) 4-Chloroaniline	10.92	127	58622	4.686	ng		96
34) Hexachlorobutadiene	11.12	225	26139	4.480	ng		95
35) Caprolactam	11.65	113	13802	4.350	ng		92
36) 4-Chloro-3-methylphenol	12.04	107	41452	4.568	ng		96
37) 2-Methylnaphthalene	12.42	142	108116	5.476	ng		93
38) 1-Methylnaphthalene	12.64	142	102898	5.499	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	51568	4.758	ng		99

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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	12.78	237	23790	4.234	ng		97
43) 2,4,6-Trichlorophenol	13.03	196	30479	4.087	ng		97
44) 2,4,5-Trichlorophenol	13.10	196	32725	4.255	ng		95
46) 1,1'-Biphenyl	13.43	154	141720	5.345	ng		95
47) 2-Chloronaphthalene	13.48	162	103585	4.835	ng		93
48) 2-Nitroaniline	13.66	65	26865	3.898	ng		97
49) Acenaphthylene	14.32	152	171245	5.561	ng		96
50) Dimethylphthalate	14.05	163	137399	5.233	ng		97
51) 2,6-Dinitrotoluene	14.16	165	26432	4.454	ng		99
52) Acenaphthene	14.66	154	106284	4.922	ng		99
53) 3-Nitroaniline	14.49	138	27651	4.103	ng		98
54) 2,4-Dinitrophenol	14.69	184	4788	1.790	ng	#	81
55) Dibenzofuran	14.99	168	172904	5.816	ng		93
56) 4-Nitrophenol	14.79	139	17731	3.434	ng		95
57) 2,4-Dinitrotoluene	14.94	165	34519	4.275	ng		89
58) Fluorene	15.64	166	134988	5.729	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	28990	4.383	ng	#	99
60) Diethylphthalate	15.41	149	144751	5.512	ng		94
61) 4-Chlorophenyl-phenylether	15.64	204	68042	5.318	ng		99
62) 4-Nitroaniline	15.64	138	28974	4.354	ng		96
63) Azobenzene	15.93	77	136911	5.622	ng		96
65) 4,6-Dinitro-2-methylphenol	15.71	198	10830	2.759	ng		95
66) n-Nitrosodiphenylamine	15.85	169	120159	5.055	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	40447	4.455	ng		93
68) Hexachlorobenzene	16.65	284	44887	4.589	ng		94
69) Atrazine	16.79	200	36556	4.731	ng		99
70) Pentachlorophenol	16.99	266	13112	2.431	ng		94
71) Phenanthrene	17.38	178	221190	5.713	ng		95
72) Anthracene	17.47	178	217932	5.695	ng		94
73) Carbazole	17.73	167	194968	5.516	ng		94
74) Di-n-butylphthalate	18.31	149	229372	5.083	ng	#	92
75) Fluoranthene	19.39	202	246567	5.568	ng		94
77) Benzidine	19.56	184	78006	4.509	ng		95
78) Pyrene	19.75	202	259053m	5.766	ng		
80) Butylbenzylphthalate	20.64	149	87123	4.073	ng		98
81) Benzo(a)anthracene	21.57	228	237087	5.555	ng		92
82) 3,3'-Dichlorobenzidine	21.49	252	82236	4.877	ng		97
83) Chrysene	21.64	228	220706	5.442	ng		92
84) Bis(2-ethylhexyl)phthalate	21.50	149	139010	4.710	ng		92
85) Di-n-octyl phthalate	22.69	149	216564	4.365	ng		97
86) Indeno(1,2,3-cd)pyrene	28.25	276	245079	4.447	ng	#	89
88) Benzo(b)fluoranthene	23.73	252	220677	4.917	ng		94
89) Benzo(k)fluoranthene	23.79	252	228287	5.348	ng		98
90) Benzo(a)pyrene	24.57	252	200708	4.738	ng		97
91) Dibenzo(a,h)anthracene	28.32	278	207721	4.882	ng		96
92) Benzo(g,h,i)perylene	29.36	276	204552	4.840	ng		97

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

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