Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041804.D
Acq On : 30 Jul 2019 16:37
Operator : HP/JU
Sample : K3591-03
Misc : MDL-SOIL-8PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Manual Integrations APPROVED
mohammad
8/1/2019 5:04:59 PM

Quant Time: Jul 31 08:56:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	86142	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	377053	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	281127	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	645444	20.00	ng		0.00
76) Chrysene-d12	21.73	240	656890	20.00	ng		0.00
87) Perylene-d12	25.01	264	749823	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	447012	100.96	ng		0.00
7) Phenol-d6	7.19	99	611666	102.47	ng		0.00
23) Nitrobenzene-d5	9.21	82	469322	85.66	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	344936	108.02	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1305290	81.89	ng		0.00
79) Terphenyl-d14	20.06	244	2135330	74.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	16915	8.117	ng		95
3) Pyridine	3.88	79	35520	6.216	ng		90
4) n-Nitrosodimethylamine	3.79	42	16554	7.307	ng	#	89
6) Aniline	7.36	93	63916	7.605	ng		93
8) 2-Chlorophenol	7.60	128	41137	8.114	ng		94
9) Benzaldehyde	7.17	77	37323	8.886	ng		95
10) Phenol	7.21	94	49737	8.009	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	38648	7.571	ng		98
12) 1,3-Dichlorobenzene	7.94	146	51089	7.721	ng		97
13) 1,4-Dichlorobenzene	8.08	146	51320	7.751	ng		95
14) 1,2-Dichlorobenzene	8.40	146	49353	7.812	ng		95
15) Benzyl Alcohol	8.28	79	36056	7.678	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	69211	7.620	ng		98
17) 2-Methylphenol	8.48	107	36068	7.986	ng		97
18) Hexachloroethane	9.14	117	17651	7.785	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	34423	7.943	ng		93
20) 3+4-Methylphenols	8.81	107	47697	7.718	ng		95
22) Acetophenone	8.87	105	66238	7.854	ng	#	90
24) Nitrobenzene	9.25	77	48492	8.401	ng		97
25) Isophorone	9.78	82	93988	7.886	ng		98
26) 2-Nitrophenol	9.97	139	21203	7.915	ng		99
27) 2,4-Dimethylphenol	10.03	122	41021	8.676	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	56284	7.557	ng		98
29) 2,4-Dichlorophenol	10.51	162	43430	7.543	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	55815	7.644	ng		98
31) Naphthalene	10.92	128	140539	8.144	ng		98
32) Benzoic acid	10.11	122	7563	2.593	ng		95
33) 4-Chloroaniline	11.02	127	60772	7.426	ng		96
34) Hexachlorobutadiene	11.22	225	35666	7.237	ng		94
35) Caprolactam	11.76	113	15932	7.962	ng	#	73
36) 4-Chloro-3-methylphenol	12.14	107	47054	8.243	ng		93
37) 2-Methylnaphthalene	12.53	142	112237	8.217	ng		99
38) 1-Methylnaphthalene	12.74	142	106549	8.231	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	70422	7.914	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	34831	6.962	ng		100
43) 2,4,6-Trichlorophenol	13.13	196	41472	7.374	ng		95
44) 2,4,5-Trichlorophenol	13.20	196	46026	7.875	ng		91
46) 1,1'-Biphenyl	13.53	154	145632	8.059	ng		96
47) 2-Chloronaphthalene	13.58	162	117712	7.651	ng		95
48) 2-Nitroaniline	13.77	65	29620	7.590	ng		94
49) Acenaphthylene	14.42	152	193984	8.429	ng	#	93
50) Dimethylphthalate	14.15	163	158063	8.233	ng		97
51) 2,6-Dinitrotoluene	14.26	165	33428	8.326	ng		92
52) Acenaphthene	14.76	154	115641	7.725	ng		97
53) 3-Nitroaniline	14.59	138	31817	7.408	ng	#	90
54) 2,4-Dinitrophenol	14.79	184	7898	4.120	ng	#	76
55) Dibenzofuran	15.10	168	199257	8.703	ng		90
56) 4-Nitrophenol	14.89	139	21995	6.746	ng		92
57) 2,4-Dinitrotoluene	15.05	165	45537	8.248	ng		95
58) Fluorene	15.75	166	156645	8.525	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	44742	7.729	ng	#	94
60) Diethylphthalate	15.52	149	159682	8.471	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	91316	8.141	ng		92
62) 4-Nitroaniline	15.75	138	38140	8.198	ng		90
63) Azobenzene	16.03	77	127199	8.261	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	18450	6.518	ng		95
66) n-Nitrosodiphenylamine	15.95	169	146336	8.323	ng		95
67) 4-Bromophenyl-phenylether	16.64	248	60000	7.547	ng		98
68) Hexachlorobenzene	16.76	284	62493	7.513	ng	#	91
69) Atrazine	16.90	200	55343	8.012	ng		97
70) Pentachlorophenol	17.10	266	26530	5.615	ng		97
71) Phenanthrene	17.49	178	274922	8.886	ng	#	92
72) Anthracene	17.58	178	276534m	8.962	ng		
73) Carbazole	17.85	167	241972	8.737	ng	#	92
74) Di-n-butylphthalate	18.42	149	272234	8.671	ng	#	92
75) Fluoranthene	19.50	202	347130	9.231	ng		88
77) Benzidine	19.68	184	144939	6.760	ng		97
78) Pyrene	19.86	202	359156	9.228	ng	#	88
80) Butylbenzylphthalate	20.75	149	114252	7.657	ng		91
81) Benzo(a)anthracene	21.71	228	338180	8.702	ng		89
82) 3,3'-Dichlorobenzidine	21.63	252	129727	8.314	ng		93
83) Chrysene	21.78	228	321901	8.641	ng	#	88
84) Bis(2-ethylhexyl)phthalate	21.63	149	166245	8.077	ng		92
85) Di-n-octyl phthalate	22.87	149	281419	8.124	ng	#	90
86) Indeno(1,2,3-cd)pyrene	28.74	276	371943	7.542	ng	#	87
88) Benzo(b)fluoranthene	23.97	252	342155	8.341	ng	#	95
89) Benzo(k)fluoranthene	24.03	252	333381	8.344	ng	#	92
90) Benzo(a)pyrene	24.85	252	330494	8.401	ng	#	93
91) Dibenzo(a,h)anthracene	28.81	278	314203	8.134	ng	#	96
92) Benzo(g,h,i)perylene	29.90	276	302296	7.833	ng	#	95

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

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