Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
Data File : BG041072.D
Acq On : 5 Jun 2019 15:03
Operator : HP/JU
Sample : K2241-02
Misc : LOO-SOIL-20PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Manual Integrations APPROVED
mohammad
6/6/2019 3:42:21 PM

Quant Time: Jun 06 08:26:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	35644	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	136703	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	93042	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	236760	20.00	ng		-0.02
76) Chrysene-d12	21.77	240	271361	20.00	ng		-0.02
87) Perylene-d12	25.09	264	298384	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	173891	87.97	ng		-0.01
7) Phenol-d6	7.25	99	242951	79.58	ng		-0.01
23) Nitrobenzene-d5	9.29	82	161230	52.36	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	121632	88.06	ng		-0.02
45) 2-Fluorobiphenyl	13.36	172	350673	54.28	ng		-0.02
79) Terphenyl-d14	20.08	244	713002	55.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	20354	22.692	ng		97
3) Pyridine	3.92	79	46686	17.590	ng		96
4) n-Nitrosodimethylamine	3.85	42	24242	19.680	ng	#	94
6) Aniline	7.43	93	69740	17.115	ng		98
8) 2-Chlorophenol	7.67	128	43566	18.487	ng		94
9) Benzaldehyde	7.25	77	48333	26.541	ng	#	83
10) Phenol	7.28	94	57570	17.588	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	40882	17.217	ng		98
12) 1,3-Dichlorobenzene	8.00	146	51459	18.283	ng		98
13) 1,4-Dichlorobenzene	8.15	146	52948	18.585	ng		93
14) 1,2-Dichlorobenzene	8.46	146	50223	18.156	ng		99
15) Benzyl Alcohol	8.35	79	47472	16.810	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	68375	17.622	ng		98
17) 2-Methylphenol	8.55	107	40115	16.926	ng		95
18) Hexachloroethane	9.19	117	20656	18.811	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	38330	16.316	ng		97
20) 3+4-Methylphenols	8.87	107	53425	16.274	ng		96
22) Acetophenone	8.94	105	79220	20.658	ng		95
24) Nitrobenzene	9.33	77	62088	19.785	ng		94
25) Isophorone	9.85	82	106920	18.245	ng		97
26) 2-Nitrophenol	10.04	139	25759	19.911	ng		89
27) 2,4-Dimethylphenol	10.09	122	41967	19.642	ng		96
28) bis(2-Chloroethoxy)methane	10.33	93	57113	18.057	ng		97
29) 2,4-Dichlorophenol	10.57	162	47068	17.348	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	57720	18.701	ng		91
31) Naphthalene	10.98	128	138236	18.834	ng		99
32) Benzoic acid	10.19	122	14953m	15.606	ng		
33) 4-Chloroaniline	11.10	127	58648	17.221	ng		95
34) Hexachlorobutadiene	11.24	225	42630	18.051	ng		96
35) Caprolactam	11.86	113	15259	17.031	ng	#	79
36) 4-Chloro-3-methylphenol	12.20	107	55158	17.801	ng		98
37) 2-Methylnaphthalene	12.58	142	102694	18.167	ng		99
38) 1-Methylnaphthalene	12.79	142	97108	18.230	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	78185	20.849	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	35629	24.090	ng		97
43) 2,4,6-Trichlorophenol	13.18	196	44317	18.268	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	50411	19.703	ng		97
46) 1,1'-Biphenyl	13.58	154	142608	20.706	ng		99
47) 2-Chloronaphthalene	13.62	162	111568	18.870	ng		96
48) 2-Nitroaniline	13.83	65	38682	18.237	ng		96
49) Acenaphthylene	14.47	152	176191	19.800	ng		97
50) Dimethylphthalate	14.19	163	145533	18.478	ng		98
51) 2,6-Dinitrotoluene	14.32	165	32314	19.029	ng		93
52) Acenaphthene	14.80	154	101280	18.788	ng		97
53) 3-Nitroaniline	14.65	138	30640	18.044	ng		96
54) 2,4-Dinitrophenol	14.86	184	7062	17.854	ng		95
55) Dibenzofuran	15.14	168	177955	19.618	ng		96
56) 4-Nitrophenol	14.94	139	22277	19.126	ng		98
57) 2,4-Dinitrotoluene	15.10	165	47187	19.671	ng		99
58) Fluorene	15.79	166	138388	19.157	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	49596m	19.725	ng		
60) Diethylphthalate	15.54	149	147785	18.386	ng		97
61) 4-Chlorophenyl-phenylether	15.77	204	86322	18.384	ng		95
62) 4-Nitroaniline	15.81	138	34596	19.244	ng		98
63) Azobenzene	16.06	77	139896	19.150	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	20176	21.647	ng		94
66) n-Nitrosodiphenylamine	15.98	169	127623	19.175	ng		95
67) 4-Bromophenyl-phenylether	16.67	248	54653	17.105	ng		95
68) Hexachlorobenzene	16.78	284	58081	17.071	ng		94
69) Atrazine	16.92	200	53523	20.841	ng		94
70) Pentachlorophenol	17.13	266	27270	18.422	ng		92
71) Phenanthrene	17.53	178	245420	19.900	ng		100
72) Anthracene	17.62	178	254099	20.891	ng		97
73) Carbazole	17.89	167	226854	21.737	ng		99
74) Di-n-butylphthalate	18.42	149	255836	19.723	ng		99
75) Fluoranthene	19.53	202	343063	22.522	ng		97
77) Benzidine	19.71	184	153722	23.747	ng		97
78) Pyrene	19.89	202	345436	19.582	ng		97
80) Butylbenzylphthalate	20.76	149	129418	18.852	ng		92
81) Benzo(a)anthracene	21.74	228	354181	19.608	ng		96
82) 3,3'-Dichlorobenzidine	21.65	252	134108	21.108	ng		98
83) Chrysene	21.81	228	349769	20.234	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	183339	18.972	ng		95
85) Di-n-octyl phthalate	22.85	149	317394	19.721	ng		100
86) Indeno(1,2,3-cd)pyrene	28.92	276	409917	19.359	ng	#	98
88) Benzo(b)fluoranthene	24.03	252	351774	19.437	ng		97
89) Benzo(k)fluoranthene	24.09	252	352163	19.664	ng		98
90) Benzo(a)pyrene	24.93	252	346299	20.056	ng		95
91) Dibenzo(a,h)anthracene	28.98	278	334564	19.391	ng		98
92) Benzo(g,h,i)perylene	30.12	276	340326	20.304	ng	#	97

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

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