Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
Data File : BM026464.D
Acq On : 19 Jun 2020 11:07
Operator : JU/CG
Sample : L1161-01
Misc : LOD-MDL-S-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Manual Integrations APPROVED
mohammad
6/22/2020 3:23:10 PM

Quant Time: Jun 20 06:20:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 10:44:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	106162	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	446201	20.00	ng		0.00
39) Acenaphthene-d10	14.04	164	307960	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	678054	20.00	ng		0.00
76) Chrysene-d12	21.02	240	619212	20.00	ng		0.00
86) Perylene-d12	23.11	264	549531	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	969196	161.41	ng		0.00
7) Phenol-d6	6.60	99	1420010	163.32	ng		0.00
23) Nitrobenzene-d5	8.54	82	1036511	114.06	ng		0.00
42) 2,4,6-Tribromophenol	15.56	330	712921	191.11	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	2290460	112.90	ng		0.00
79) Terphenyl-d14	19.46	244	3860014	121.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	21538	7.956	ng		96
3) Pyridine	3.41	79	48668	6.121	ng		93
4) n-Nitrosodimethylamine	3.32	42	31374	7.969	ng	#	88
6) Aniline	6.73	93	83435	7.316	ng		97
8) 2-Chlorophenol	6.96	128	51076	7.375	ng		95
9) Benzaldehyde	6.55	77	57294	10.334	ng		95
10) Phenol	6.62	94	66149	7.144	ng		93
11) bis(2-Chloroethyl)ether	6.84	93	53635	7.191	ng		97
12) 1,3-Dichlorobenzene	7.28	146	55611	7.252	ng		99
13) 1,4-Dichlorobenzene	7.42	146	57452	7.356	ng		97
14) 1,2-Dichlorobenzene	7.73	146	55484	7.272	ng		98
15) Benzyl Alcohol	7.64	79	48278	6.539	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.92	45	104528	7.504	ng		98
17) 2-Methylphenol	7.85	107	42925	6.343	ng		97
18) Hexachloroethane	8.45	117	21357	7.220	ng		98
19) n-Nitroso-di-n-propylamine	8.20	70	52318	7.722	ng		97
20) 3+4-Methylphenols	8.18	107	57672	6.252	ng		97
22) Acetophenone	8.21	105	90372	7.877	ng	#	93
24) Nitrobenzene	8.58	77	76418	8.033	ng		98
25) Isophorone	9.10	82	131642	7.711	ng		99
26) 2-Nitrophenol	9.28	139	25549	6.786	ng	#	87
27) 2,4-Dimethylphenol	9.36	122	37208	6.260	ng		90
28) bis(2-Chloroethoxy)methane	9.59	93	77288	7.979	ng		99
29) 2,4-Dichlorophenol	9.82	162	45965	7.049	ng		98
30) 1,2,4-Trichlorobenzene	10.02	180	54874	7.674	ng		96
31) Naphthalene	10.20	128	173187	7.702	ng		99
32) Benzoic acid	9.47	122	13274m	3.006	ng		
33) 4-Chloroaniline	10.33	127	65368	6.665	ng		99
34) Hexachlorobutadiene	10.49	225	34855	7.721	ng		96
35) Caprolactam	11.10	113	17642	7.700	ng		97
36) 4-Chloro-3-methylphenol	11.47	107	59293	7.462	ng		95
37) 2-Methylnaphthalene	11.82	142	125992	7.863	ng		98
38) 1-Methylnaphthalene	12.05	142	123016	8.104	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.21	216	68977	7.868	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 10:44:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.19	237	17516	3.391	ng		97
43) 2,4,6-Trichlorophenol	12.46	196	39673	6.686	ng		98
44) 2,4,5-Trichlorophenol	12.54	196	44364	6.441	ng		95
46) 1,1'-Biphenyl	12.87	154	176083	8.156	ng		99
47) 2-Chloronaphthalene	12.90	162	126027	7.186	ng		99
48) 2-Nitroaniline	13.12	65	44715	6.434	ng		91
49) Acenaphthylene	13.76	152	208206	7.423	ng		99
50) Dimethylphthalate	13.52	163	171800	7.627	ng		99
51) 2,6-Dinitrotoluene	13.63	165	35869	7.257	ng		95
52) Acenaphthene	14.11	154	125594	7.459	ng		98
53) 3-Nitroaniline	13.97	138	30199	5.487	ng		94
54) 2,4-Dinitrophenol	14.19	184	10778	3.588	ng	#	84
55) Dibenzofuran	14.45	168	205913	7.589	ng		99
56) 4-Nitrophenol	14.32	139	20112	4.608	ng		99
57) 2,4-Dinitrotoluene	14.44	165	47194	6.867	ng	#	85
58) Fluorene	15.10	166	165209	7.497	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.69	232	42690	7.247	ng		98
60) Diethylphthalate	14.90	149	173046	7.542	ng		99
61) 4-Chlorophenyl-phenylether	15.11	204	87243	7.464	ng		97
62) 4-Nitroaniline	15.14	138	30171m	5.140	ng		
63) Azobenzene	15.40	77	190591	7.593	ng		98
65) 4,6-Dinitro-2-methylphenol	15.21	198	22336	5.417	ng		84
66) n-Nitrosodiphenylamine	15.33	169	146124	7.439	ng		97
67) 4-Bromophenyl-phenylether	16.00	248	53125	7.117	ng		97
68) Hexachlorobenzene	16.12	284	60560	7.775	ng		97
69) Atrazine	16.30	200	57170	9.742	ng		96
70) Pentachlorophenol	16.47	266	24481	5.219	ng		97
71) Phenanthrene	16.84	178	271386	7.686	ng		100
72) Anthracene	16.93	178	263813	7.486	ng		99
73) Carbazole	17.22	167	228325	6.832	ng		99
74) Di-n-butylphthalate	17.80	149	283490	7.193	ng		99
75) Fluoranthene	18.87	202	310804	7.678	ng		99
77) Benzidine	19.07	184	103521	8.049	ng		98
78) Pyrene	19.24	202	325635	7.959	ng		99
80) Butylbenzylphthalate	20.17	149	119279	7.209	ng		98
81) Benzo(a)anthracene	21.00	228	301334	8.107	ng		99
82) 3,3'-Dichlorobenzidine	20.94	252	104751	9.109	ng		99
83) Chrysene	21.05	228	288555	8.147	ng		100
84) Bis(2-ethylhexyl)phthalate	20.97	149	176569	7.485	ng		99
85) Di-n-octyl phthalate	21.81	149	267392	7.347	ng		97
87) Indeno(1,2,3-cd)pyrene	25.14	276	234733	7.384	ng		99
88) Benzo(b)fluoranthene	22.49	252	257146	7.779	ng		99
89) Benzo(k)fluoranthene	22.53	252	250523	7.801	ng		99
90) Benzo(a)pyrene	23.01	252	213628	7.276	ng		99
91) Dibenzo(a,h)anthracene	25.15	278	193951	7.308	ng		98
92) Benzo(g,h,i)perylene	25.76	276	194061	7.684	ng		98

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

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